

September 15, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill

Federal 9-24-9-16 Federal 13-24-9-16 Federal 10-24-9-16 Federal 11-24-9-16 Federal 12A-24-9-16 Federal 12A-24-9-16

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 13-24-9-16 and 14-24-9-16 are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Brad Mecham or myself a call.

Sincerely,

Mandie Crozier

Regulatory Specialist

mc

enclosures

RECEIVED
SEP 2 0 2006
DIV. OF OIL, GAS & MINING

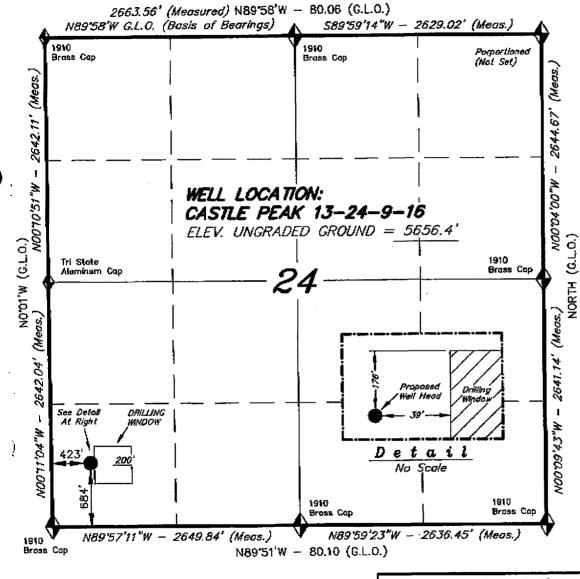
Form 3160-3 (September 2001)			FORM APPR OMB No. 100 Expires January	04-0136		
UNITED STATES DEPARTMENT OF THE IN	5. Lease Serial No.					
BUREAU OF LAND MANAC	UTU-15855					
APPLICATION FOR PERMIT TO DR		Ī	6. If Indian, Allottee or	Tribe Name		
			N/A			
la. Type of Work: DRILL REENTER	· · · · · · · · · · · · · · · · · · ·		7. If Unit or CA Agreeme	ent, Name and No.		
	`	1	N/A			
1b. Type of Well: Oil Well Gas Well Other	Single Zone D Multi	nle Zone	8. Lease Name and Well Federal 13-24-9-1			
2. Name of Operator		7.0 2.0	9. API Well No.			
Newfield Production Company				13-33342		
3a. Address	3b. Phone No. (include area code)		10. Field and Pool, or Expl			
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Monument Butte			
4. Location of Well (Report location clearly and in accordance with a		-	11. Sec., T., R., M., or Blk	and Survey or Area		
At surface SW/SW 684' FSL 423' FWL 57894/		Ì	SW/SW Sec. 24, 1	00 D16E		
At proposed prod. zone 4429180	94 -110.0750	75	547544 Sec. 24, 1	55 KIGE		
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State		
Approximatley 18.4 miles southwest of Myton, Utah		}	Duchesne	UT		
15. Distance from proposed* location to nearest	16. No. of Acres in lease	17. Spacing	Spacing Unit dedicated to this well			
property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 684' f/lse, NA' f/unit	1200.00		40 Acres			
18. Distance from proposed location*	19. Proposed Depth	20 BIM/B	BLM/BIA Bond No. on file			
to nearest well, drilling, completed,	17. Hoposod Dopul					
applied for, on this lease, ft. Approx. 1326'	5770'	U	UTB000192			
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	rt*	23. Estimated duration			
5656' GL	1st Quarter 2007		Approximately seven (7) days from spud to rig release.			
	24. Attachments					
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, shall be att	ached to this	form:			
1. Well plat certified by a registered surveyor.	4. Bond to cover the	ne operation:	s unless covered by an exis	ting bond on file (see		
2. A Drilling Plan.	Item 20 above). 5. Operator certification	ation				
3. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).	Langs me i	specific info	rmation and/or plans as ma	sy be required by the		
25. Signature	Name (Printed/Typed)		Dat	e		
// landalous	Mandie Crozier			9/15/06		
Title Regulatory Specialist	er an er a r a r er a r er ar					
Approved of Signature	Name (Printed/Typed) BRADLEY G	. HILL	, Dat	x6-12-0=		
Title	OF ENVIRONMENTAL N	MANAGER				
Application approval does not warrant or certify the the applicant holds le operations thereon. Conditions of approval, if any, are attached.	gal or equitable title to those rights in	the subject le	ease which would entitle the	applicant to conduct		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations as to	a crime for any person knowingly an any matter within its jurisdiction.	d willfully to	make to any department or	agency of the United		

*(Instructions on reverse)

RECEIVED SEP 2 0 2006

Form 3160-3 (September 2001)				OMB No. Expires Jum	1004-0136	
UNITED STATES	5. Lease Serial No.					
DEPARTMENT OF THE IN	UTU-1585	5	The same of the sa			
BUREAU OF LAND MANAG	6. If Indian, Allottee	or Tribe Na	ame			
APPLICATION FOR PERMIT TO DR		N/A				
la. Type of Work: DRTLL REENTER	7. If Unit or CA Agree N/A	ment, Nam	e and No.			
		_		8. Lease Name and Well No.		
th. Type of Well: 🗵 Oil Well 🚨 Gas Well 🚨 Other	A Sin	gle Zone 🚨 Multip	olo Zone	Federal 13-24-	9-16	
2. Name of Operator				9, API Well No.		
Newfield Production Company				es di li - i P-i - E	1	
Part & Server after		(include area code)		10. Field and Pool, or E Monument But	, -	
Route #3 Box 3630, Myton UT 84052	, ,	646-3721		11. Sec., T., R., M., or I	200	rvey or Arch
4. Location of Well (Report location clearly and in accordance with	any State requir	rements.*)		11. South the banks of the	pare. Instead	1110, 01711-11
At surface SW/SW 684" FSL 423" FWL				SW/SW Sec. 2	4, T9S R1	6E
At proposed prod. 2016						
14. Distance in miles and direction from nearest town or post office*				12. County or Parish	1.15	3. State
Approximatley 18.4 miles southwest of Myton, Utah				Duchesne		UT
15. Distance from proposed*	16. No. of A	cres in Icase	17. Spacin	cing Unit dedicated to this well		
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18. Distance from proposed location*	19. Proposés	Depth	20. BLM/	RIA Band No. on file		
to nearest well, drilling, completed, applied for, on this lease, fl. Approx. 1326		5770' UTB000192				
21. Blevations (Show whether DF, KDB, RT, GL, etc.)		nate date work will sta				
5656' GL	ist Qua	orler 2007		Approximetely seven (7) days i	क्षी की गिल्लुड स्थान	trianna.
	24. Attac	hments				
The following, completed in accordance with the requirements of Onsho	re Oil and Gas	Order No.1, shall be at	tached to thi	s form:		
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25. Signglaue	Name	(Printed/Typed)	nerva all'ide i ma		Date	
The said to in		Mandie Crozier			9/15/	/06
Title Regulatory Specialist						
Approved by (Signature)	Name	(Printed/Typed)	1	Date		
446	}					
Title	Office					-
Application approval does not warrant or certify the the applicant holds to operations thereon. Conditions of approval, if any, are attached.			.,			
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations as	t a crime for an to any matter w	y person knowingly a ithin its jurisdiction.	na wilitully	to make to any departmen	ni or agenc	y at the United
*(Instructions on reverse)						

T9S. R16E, S.L.B.&M.



♦ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE) CASTLE PEAK 13-24-9-16 (Surface Location) NAD 83 LATITUDE = 40° 00' 39.71" LONGITUDE = 110° 04' 32.49"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, CASTLE PEAK 13-24-9-16, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 24, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT OFFE ABOVE PER WAS PREPARED FROM FIELD ROTE OF ACTUM, SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND FORRECT TO THE BEST OF MY KNOWLEDGE AND FELIEF No. 189377

TACY W.

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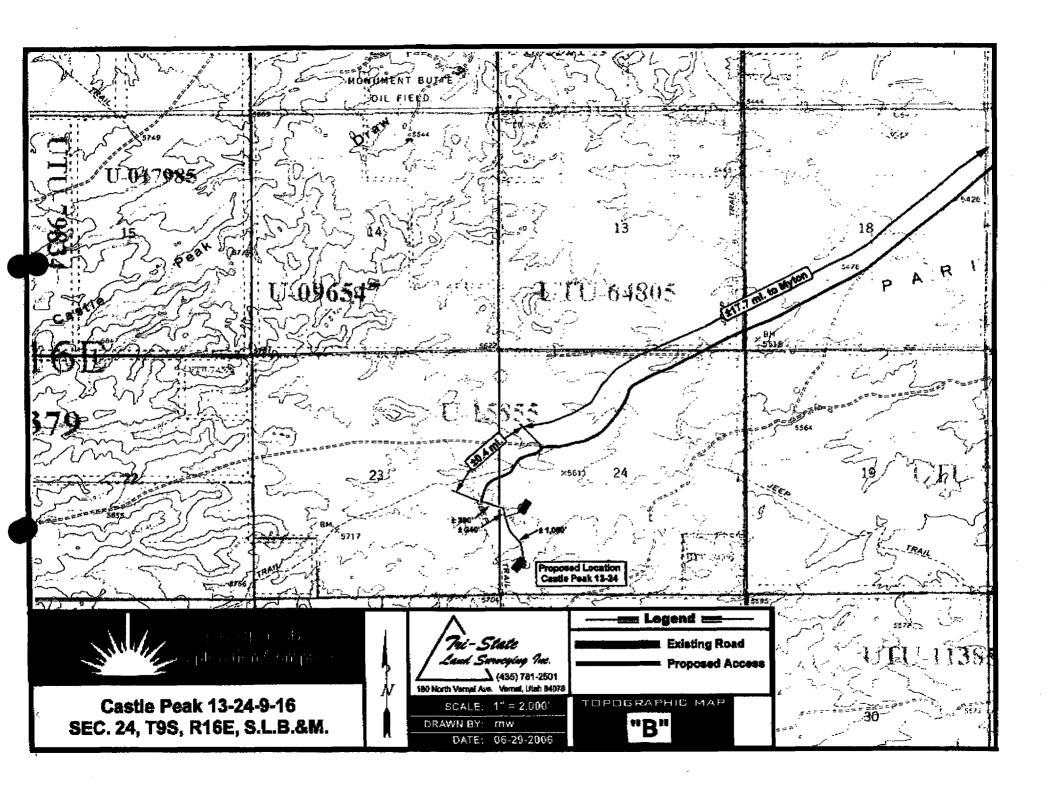
TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. — VERNAL, UTAH 84078

(435) 781-2501

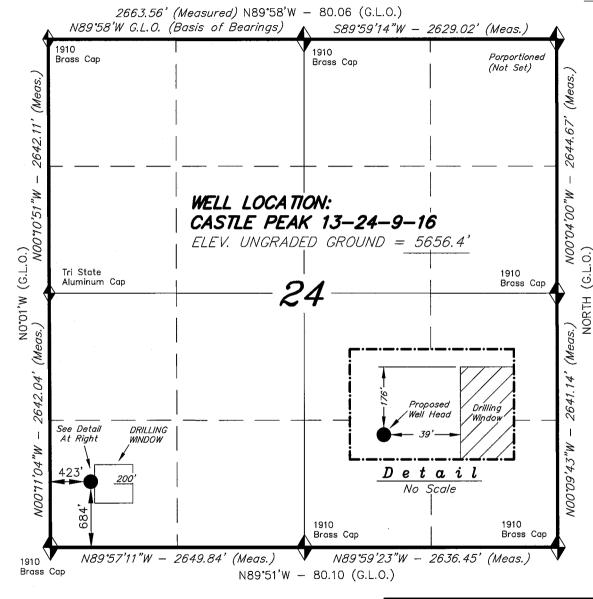
DATE SURVEYED:

SURVEYED BY: D.P.

DATE SURVEYED: 5-12-06	SURVEYED BY: D.P.
DATE DRAWN: 06-19-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'



T9S, R16E, S.L.B.&M.

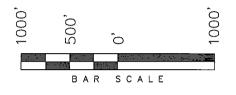


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13-24-9-16, LOCATED AS SHOWN IN
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T9S, R16E, S.L.B.&M. DUCHESNE COUNTY,
UTAH.





REGISTERS D LAND SURVEYOR REGISTRA RONGNO. RESISTRATE OF STATE OF

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 5-12-06	SURVEYED BY: D.P.
DATE DRAWN: 06-19-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY FEDERAL #13-24-9-16 SW/SW SECTION 24, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta

0' - 2080'

Green River

2080;

Wasatch

5770

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2080' - 5770' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:</u>

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY FEDERAL #13-24-9-16 SW/SW SECTION 24, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. <u>EXISTING ROADS</u>

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #13-24-9-16 located in the SW 1/4 SW 1/4 Section 24, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.7 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly -4.8 miles \pm to it's junction with the beginning of the proposed access road; proceed southeasterly along the proposed access road $-1.680^{\circ}\pm$ to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. <u>WELL SITE LAYOUT</u>

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

SURFACE OWNERSHIP - Bureau Of Land Management (Proposed location and access roads leading to).

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-270, 9/7/05. Paleontological Resource Survey prepared by, Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 1,680' of disturbed area be granted in Lease UTU-15855 to allow for construction of the planned access road. Refer to Topographic Map "B". For the planned access road a width of 60' will be needed for construction purposes with a permanent width of 30' and a running surface of 18'. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 1,680' of disturbed area be granted in Lease UTU-15855 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line and 30' wide upon completion of the proposed gas lines. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 1,680' of disturbed area be granted in Lease UTU-15855 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines.

Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species None for the proposed Federal 13-24-9-16.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Western Wheatgrass

Pascopyrum Smithii

6 lbs/acre

Galletta Grass

Hilaria Jamesii

6 lbs/acre

Details of the On-Site Inspection

The proposed Federal #13-24-9-16 was on-sited on 3/22/06. The following were present; Shon Mckinnon (Newfeild Production), Nate West (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name:

Shon Mckinnon

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #13-24-9-16 SW/SW Section 24, Township 9S, Range 16E: Lease UTU-15855 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

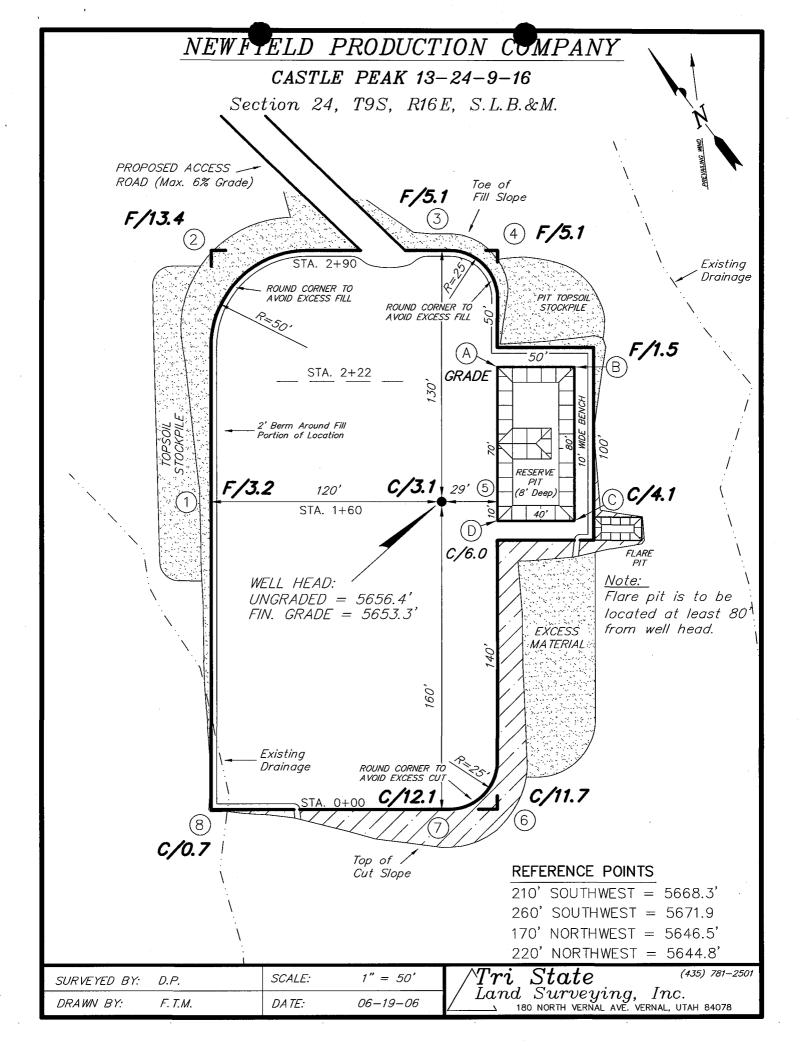
I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

9/15/06 Date

Mandie Crozier

Regulatory Specialist

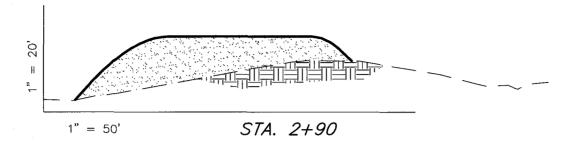
Newfield Production Company

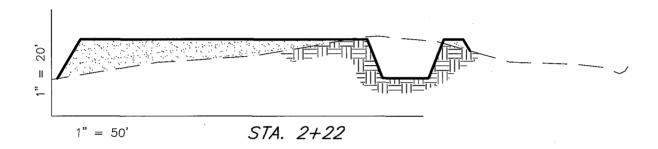


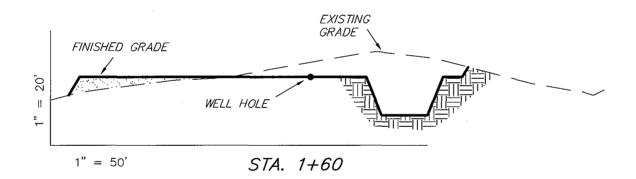
NEWFIELD PRODUCTION COMPANY

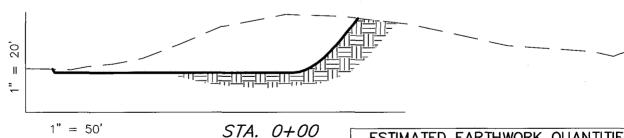
CROSS SECTIONS

CASTLE PEAK 13-24-9-16









1" = 50'

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

	(Expresse	d III Oub	ic raras)	
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	4,110	4,100	Topsoil is not included	10
PIT	640	0	in Pad Cut	640
TOTALS	4,750	4,100	1,050	650

NOTE: UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

SURVEYED BY:	D.P.	SCALE:	1" = 50'
DRAWN BY:	F. T.M.	DATE:	06-19-06

riangle Tri $State$	(435) 781–2501
/ Land Surveyin	q, Inc .
	. VERNAL, UTAH 84078

NEW TELD PRODUCTION COMPANY TYPICAL RIG LAYOUT CASTLE PEAK 13-24-9-16 PROPOSED ACCESS . ROAD (Max. 6% Grade) Emergency fuel shut down STORAGE TANK Light Plant MUD PUMP 50**'** QQW ____ TOILET BENCH BASE DOG HOUSE/WATER TANK PARTS HOUSE RIG 100, RESERVE PIT (8' Deep) 120' 29 40' PIPE TUB PIPE TUB TUB CATWALK PIPE RACKS 140, 160, DATA

SURVEYED BY: D.P.	SCALE:	1" = 50'	/Tri $State$ (435) 781-2501
DRAWN BY: F.T.M.	DATE:	06-19-06	igg/ Land S' $urveying$, Inc . 180 north vernal ave. Vernal, utah 84078

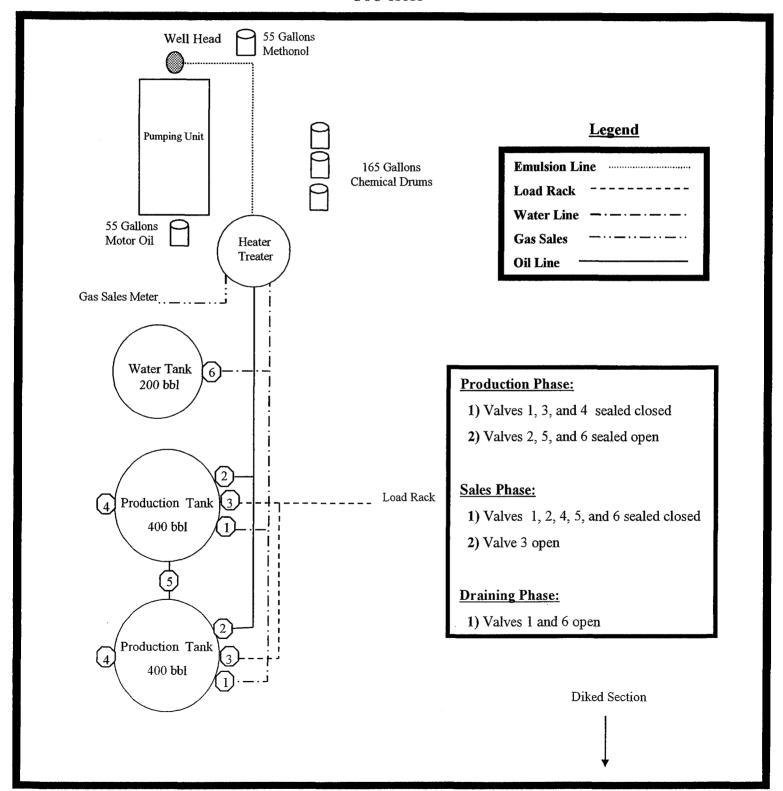
Newfield Production Company Proposed Site Facility Diagram

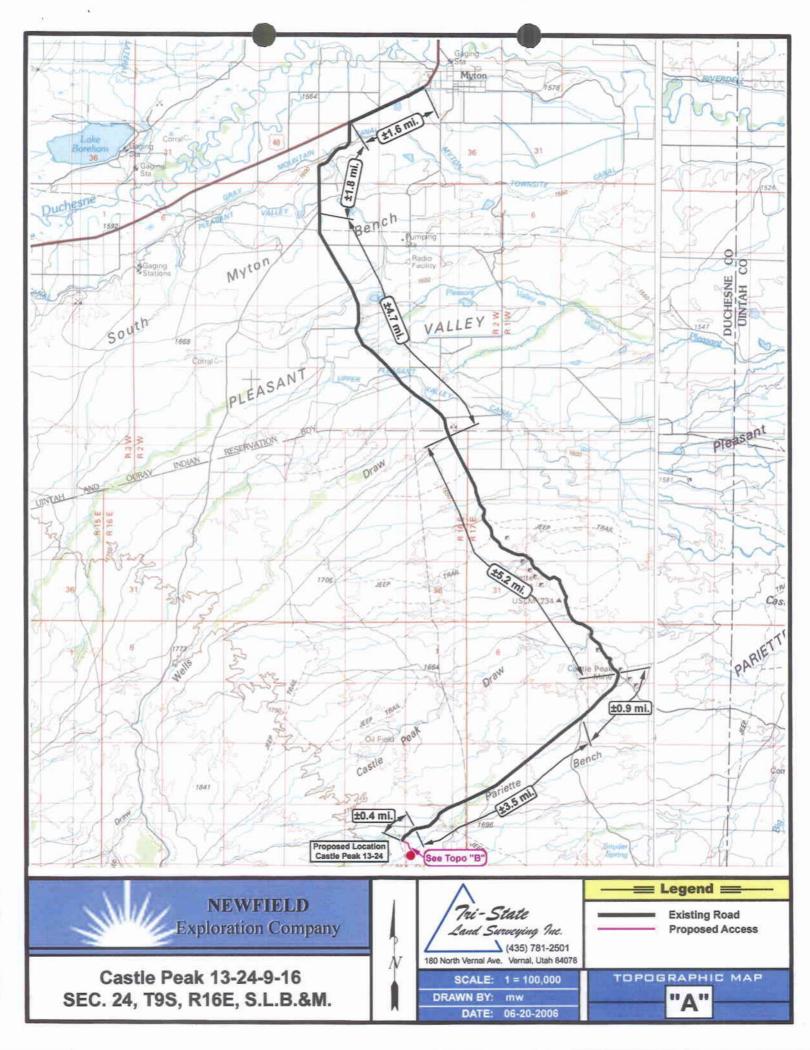
Federal 13-24-9-16

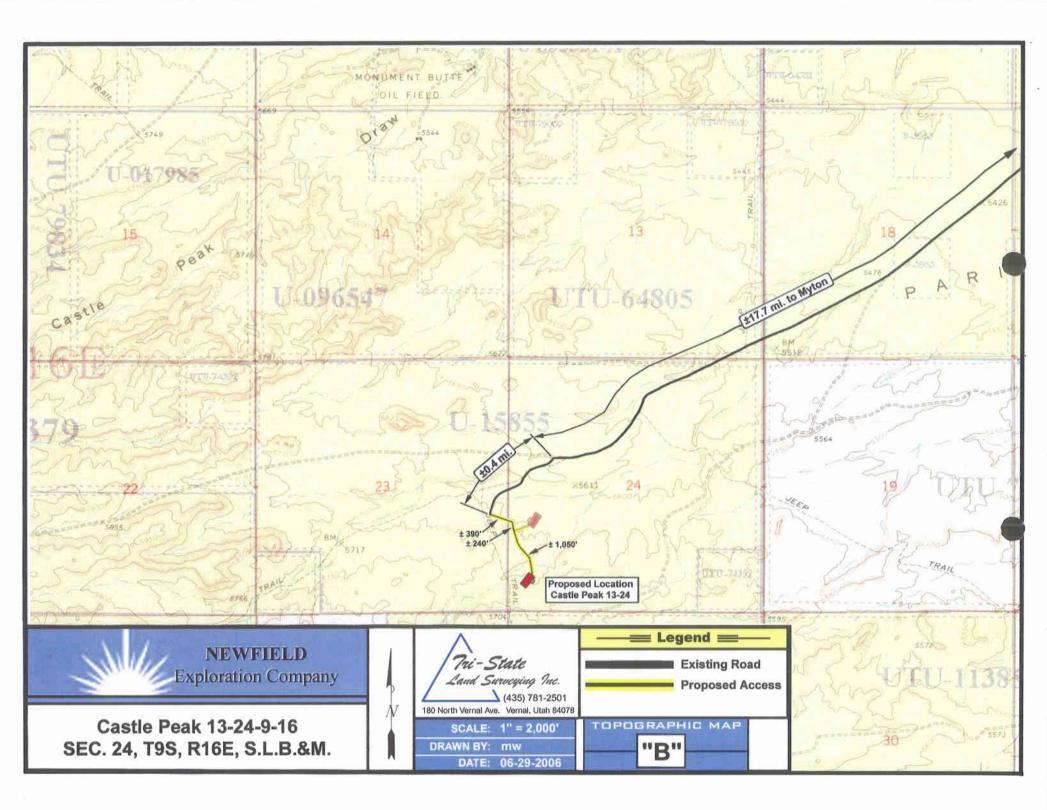
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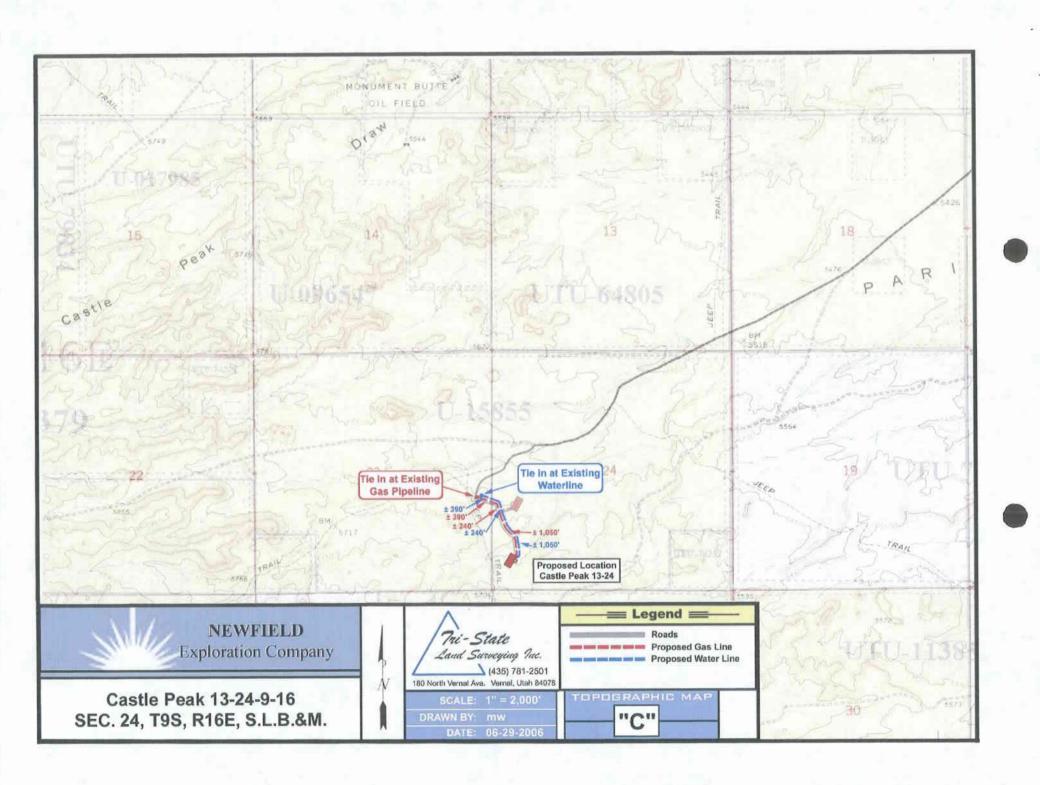
Duchesne County, Utah

UTU-15855

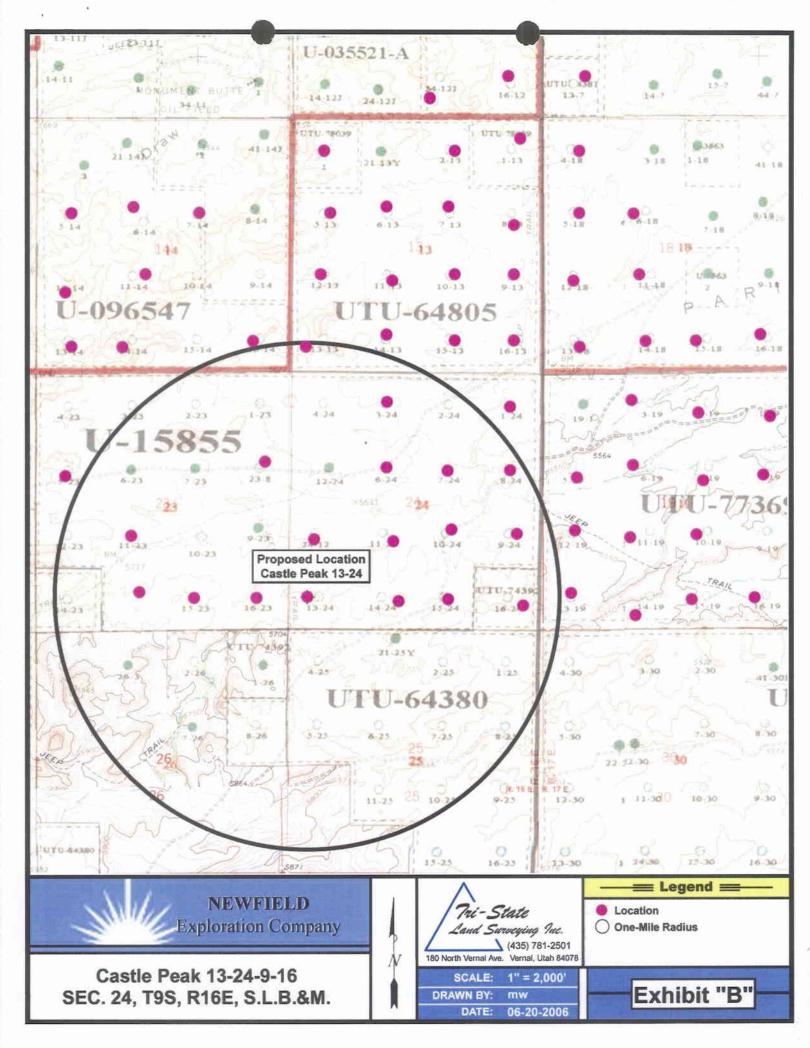








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18	15	14	13	18	17	10	IS-R2W		1		17	100	4S-R1W		14 13			7 31	Waiting on Co Producing Oil Producing Gas Water Injection	Well Well
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28	27	26	28	20	20	21 1	Hierary	27 62 62	Sa sila sila sila Sa sila sila sila Georgeloi Buru sila	5.19 5.35 11.75	T8S-7 20 620 f20 121	7 E 21 21 starker starker	22 20-32 632 633	2000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 2 24 124 624 154 150 150	10	0 2	21 21		l Well
33	34	26	28	18 18S-R1	28 16E	Zo San San	27 10 10 10 10 10 10 10 10 10 10 10 10 10	120 de 12	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	150 150 150 2150 150 150 150 150 250 150 150 150 150	sin for for for	da kashi da da kashi da da en (a ta k ta (a ta ka	10 1 20 (0 00 00 00 00 00 00 00 00 00 00 00 00	61 130 66 61 130 66 63 160 63 8 1630 9	2 100 100 100 100 100 100 100 100 100 10	20 25 30	8S-R18 29 43 45 42 43 43 43	28	27 (1-26) 20 (1-26) 20 (1-26) 20 (1-26) 20 (1-26)	35 26 28 28
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2-M SYSTEM

Blowout Prevention Equipment Systems

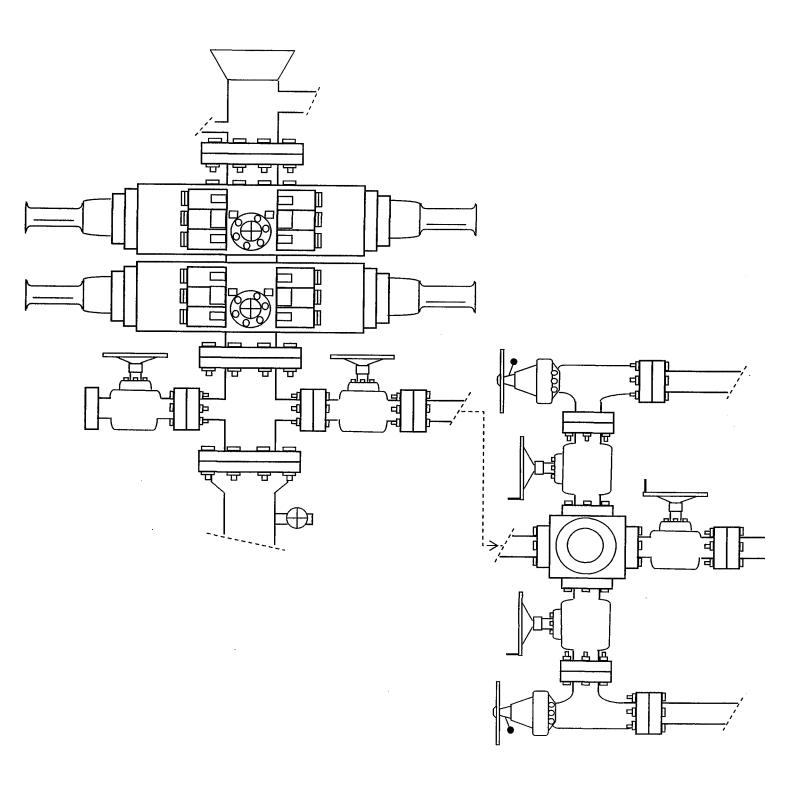


EXHIBIT C

Exhibit "D"

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S BLOCK PARCEL IN TOWNSHIP 9S, RANGE 16E, SECTION 23 and 24, DUCHESNE COUNTY, UTAH

By:

Andre' Jendresen and **Keith Montgomery**

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company Rt. 3 Box 3630 Myton, UT 84052

Submitted By:

Keith R. Montgomery Montgomery Archaeological Consultants, Inc. P.O. Box 147 Moab, Utah 84532

MOAC Report No. 05-270

September 7, 2005

United States Department of Interior (FLPMA) Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-05-MQ-0831b

NEWFIELD PRODUCTION COMPANY

PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE COUNTY, UTAH

SW 1/4, SE 1/4, and SW 1/4, Section 9 [9,11,12,13 & 14-9-9-16]; Entire Section 22 (excluding NE 1/4, NE 1/4 & NW 1/4, NW 1/4) [2,3,5 through16-9-9-16]; Entire Section 23 (excluding SE 1/4, NW 1/4, SW 1/4, NE 1/4, NE 1/4 & NW 1/4, SE 1/4) [1 through 5, 8,11 through 16-9-916]; Entire Section 24 (excluding SW 1/4, NW 1/4) [1 through 4, 6 through 16-9-9-16] all in Township 9 South, Range 16 East

REPORT OF SURVEY

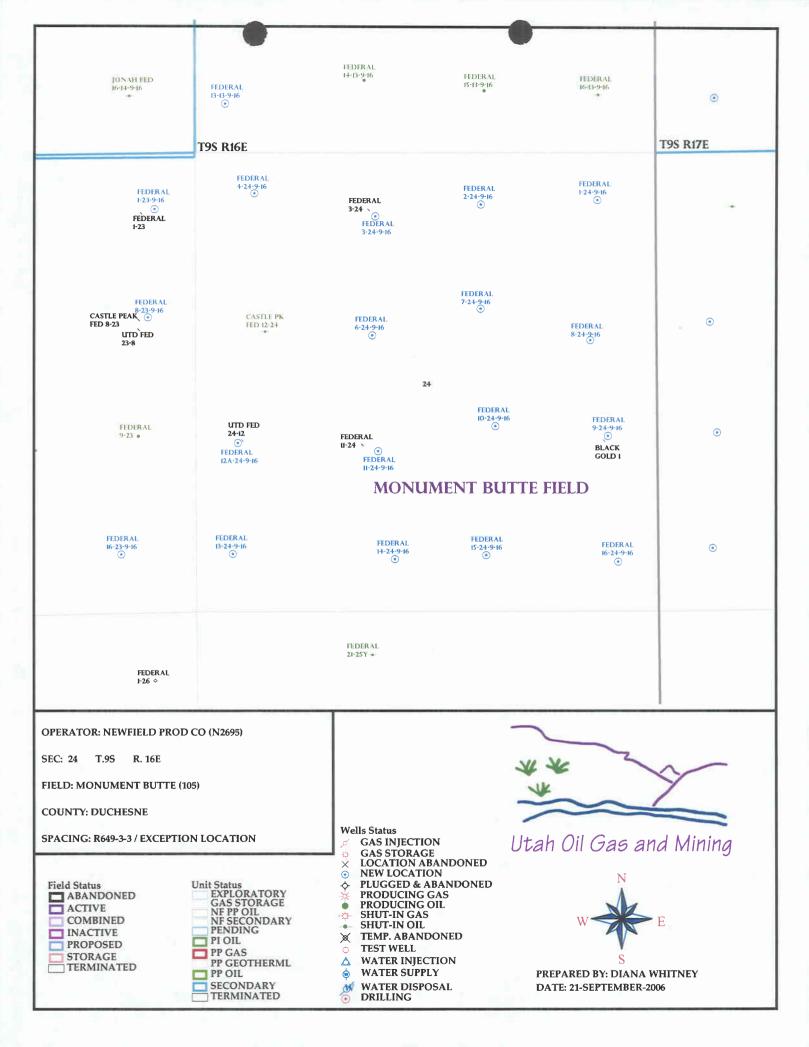
Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller Consulting Paleontologist September 28, 2005

APD RECEIVED: 09/20/2006	API NO. ASSIGNED: 43-013-33342					
WELL NAME: FEDERAL 13-24-9-16 OPERATOR: NEWFIELD PRODUCTION (N2695) CONTACT: MANDIE CROZIER	PHONE NUMBER: 435-646-3721					
PROPOSED LOCATION: SWSW 24 090S 160E SURFACE: 0684 FSL 0423 FWL BOTTOM: 0684 FSL 0423 FWL COUNTY: DUCHESNE LATITUDE: 40.01111 LONGITUDE: -110.0751 UTM SURF EASTINGS: 578941 NORTHINGS: 4429 FIELD NAME: MONUMENT BUTTE (105 LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-15855 SURFACE OWNER: 1 - Federal						
Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. UTB000192) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. MUNICIPAL) RDCC Review (Y/N) (Date:) MH Fee Surf Agreement (Y/N) Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit: R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: Eff Date: Siting: R649-3-11. Directional Drill					
Stipulations: 1- Jeden Object						



RECEIVED

SEP 2 6 2006

Form 319 NOVERNAL, UTAN	FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004					
UNITED STATES DEPARTMENT OF THE IN	5. Lease Serial No.					
BUREAU OF LAND MANAG				UTU-15855		
APPLICATION FOR PERMIT TO DI		REENTER		6. If Indian, Allottee or T	ribe Name	
				N/A		
1a. Type of Work: DRILL REENTE	7. If Unit or CA Agreeme N/A	nt, Name and No.				
1b. Type of Well: Oil Well Gas Well Other 2. Name of Operator	X	Single Zone 🔲 Multi	ple Zone	8. Lease Name and Well 1 Federal 13-24-9-16		
Name of Operator Newfield Production Company				9. API Well No.	3242	
3a. Address	3b. Phone N	No. (include area code)		10. Field and Pool, or Expl	pratory	
Route #3 Box 3630, Myton UT 84052	(43	35) 646-3721		Monument Butte		
4. Location of Well (Report location clearly and in accordance with	any State req	uirements.*)		11. Sec., T., R., M., or Blk.	and Survey or Area	
At surface SW/SW 684' FSL 423' FWL				SW/SW Sec. 24, T	9S R16F	
At proposed prod. zone						
14. Distance in miles and direction from nearest town or post office*				12. County or Parish	13. State	
Approximatley 18.4 miles southwest of Myton, Utah	T		T	Duchesne	UT	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drive unit line if any). Approx. 684' fflse, NA' ffunit				cing Unit dedicated to this well 40 Acres		
(ruso to flettest drig, drift thie, it drift)		00.00	20 121 14	1/BIA Bond No. on file		
 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1326' 	rest well, drilling, completed,					
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Appro	ximate date work will sta	ırt*	23. Estimated duration		
5656' GL	1st Q	uarter 2007		Anoroximately seven (7) days from spurito no release.		
	24. Att	achments		• *		
The following, completed in accordance with the requirements of Onsho	ore Oil and Ga	is Order No.1, shall be at	tached to this	s form:		
1. Well plat certified by a registered surveyor.			he operation	ns unless covered by an exist	ting bond on file (see	
2. A Drilling Plan.		Item 20 above). 5. Operator certific	· ·ution			
 A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	Lands, the	6. Such other site authorized office	specific info er.	ormation and/or plans as ma	y be required by the	
25. Signutur	Nam	e (Printed/Typed)		Date		
11 lamatoren	¦ Ma	indie Crozier			9/15/06	
Title Regulatory Specialist						
Approved by (Signature)	Nam	e (Printed Typed)		Dat		
		TERM KEWERS	L.	,	-9-2007	
Assistant Field Manages (Lands & Mineral Resources	ino		NAL FI	ELD OFFICE	7-200-7	
Application approval does not warrant or certify the the applicant holds I operations thereon. Conditions of approval, if any, are attached.	,	•				
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitions or fraudulent statements or representations as t	a crime for a	my person knowingly arwithin its jurisdiction.		o make to any department or		
*(Instructions on reverse)						
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Utah Division of
Oil, Gas and Mining
FOR RECORD

MAY 1 6 2007

DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE**

VERNAL. UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company

170 South 500 East

Location:

SWSW, Sec 24, T9S, R16E

Well No:

Federal 13-24-9-16

Lease No:

API No:

UTU-15855

43-013-33342

Agreement:

N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	435-828-7368
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Melissa Hawk	435-781-4476	435-828-7381
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	
		Fax: 435-781-4410	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	_	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

Page 2 of 8 Well: Federal 13-24-9-16 5/4/2007

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop
 work and contact the Authorized Officer (AO). A determination will be made by the AO as to what
 mitigation may be necessary for the discovered paleontologic material before construction can
 continue.

Specific Surface COAs

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lands in this lease have been identified as containing Golden Eagle and Ferruginous Hawk
 habitats. Modifications to the Surface Use Plan of Operations may be required in order to protect
 Golden Eagle and Ferruginous Hawk habitats from surface disturbing activities in accordance with
 Section 6 of the lease term, Endangered Species Act, and 43 CFR 3101.1-2.
- Timing Limitations: None as per previous field examinations and existing data.
- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc., signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- Right of way (ROW) will not be required
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods
 when the soil is too wet to adequately support vehicles and/or construction equipment. If such
 equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to
 adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.

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- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall
 immediately stop work that might further disturb or move such materials and contact the
 Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary
 mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The following seed mix (PLS formula) will be used for interim reclamation:

Western Wheatgrass Pascopyrum smithii) 6 lbs/acre Galleta Grass Hilaria jamesii) 6 lbs/acre Rates are set for drill seeding; double the rate if broadcasting. Reseeding may be required if initial seeding is not successful.

- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

Page 4 of 8 Well: Federal 13-24-9-16 5/4/2007

- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Olive Black.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

Page 5 of 8 Well: Federal 13-24-9-16 5/4/2007

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

• Production casing cement shall be brought up and into the surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
 daily drilling report. Components shall be operated and tested as required by Onshore Oil &
 Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
 performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
 reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
 is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
 Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

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- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a
 weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is
 completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 7 of 8 Well: Federal 13-24-9-16 5/4/2007

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written communication
 and must be received in this office by not later than the fifth business day following the date on which
 the well is placed on production. The notification shall provide, as a minimum, the following
 informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core

Page 8 of 8 Well: Federal 13-24-9-16 5/4/2007

data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
 Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
 future meter proving schedules. A copy of the meter calibration reports shall be submitted to the
 BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid
 hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall
 be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to
 the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first.
 All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All
 product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in
 accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
 lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a
 suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be
 obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior approval of
 the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
 approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of
 operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.



June 5, 2007

Ms. Diana Mason State of Utah, Division of Oil, Gas & Mining P.O. Box 145801 Salt Lake City, Utah 84114-5801

Re: Exception Locations: Federal 13-24-9-16 & Federal 14-24-9-16
Duchesne County, Utah
Lease UTU-15855

Dear Ms. Mason:

Pursuant to Rule R649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company, Inc. hereby requests exception locations for the drilling of the captioned wells. Rule R649-3-2 requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

- 1) Fed 13-24-9-16; (SWSW Sec 24-T9S-R16E, UTU-15855). This location is found 39' west of the drilling window tolerance. The attached plat depicts the proposed drillsite location and the deviation from the drilling window, in accordance with Rule R649-3-2. The exception location is requested due to terrain.
- 2) Fed 14-24-9-16; (SESW Sec 24-T9S-R16E, UTU-15855). This location is found 97'east of the drilling window tolerance. The attached plat depicts the proposed drillsite location and the deviation from the drilling window, in accordance with Rule R649-3-2. The exception location is requested due to the terrain.

Please note these locations are completely within Federal lease UTU-15855. Location one has the same interest in the adjacent land, the SESE Sec 23 T9S-R16E lease UTU-15855, which falls within a four hundred sixty foot (460') radius of the proposed location. Lands for the Federal 13-24-9-16 are owned by Newfield Production Company, Beehive Oil LLC and El Paso E&P Company, LP. Lands for the Federal 14-24-9-16 are owned by Newfield Production Company, El Paso E&P Company, LP, Rust to Gold LLC and Journey Properties LLC. We have contacted these owners and their consent to these locations is attached.

If you have any questions or need additional information please contact me at (303)-382-4449. Thank you for your assistance in this matter.

Sincerely,

RECEIVED

JUN 0 8 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY

Fax to: 303-893-0103

Newfield Production Company

Attn:

Marie Liley

Exception Location:

Federal 13-24-9-16

UTU-15855, Duchesne County, Utah

Please be advised that <u>Beehive OilLLC</u> does not have an objection to the proposed location of the aforementioned well.

PATRICK N/ (1) a RREAD MANAGER

Print Name and Title

Date: <u>94 May 07</u>

Fax to: 303-893-0103

Newfield Production Company

Attn:

Marie Liley

Exception Location:

Federal 13-24-9-16

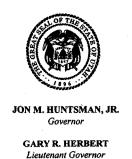
UTU-15855, Duchesne County, Utah

Please be advised that Flago E&P Company L.P. does not have an objection to the proposed location of the aforementioned well?

By: Cany B. J.M.

Date: 5|3|07

Print Name and Title





MICHAEL R. STYLER Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

June 12, 2007

Newfield Production Company Route 3 Box 3630 Myton, UT 84052

Re:

Federal 13-24-9-16 Well, 684' FSL, 423' FWL, SW SW, Sec. 24, T. 9 South, R. 16 East,

Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33342.

Sincerely,

XIIZL

Gil Hunt

Associate Director

er

Enclosures

cc:

Duchesne County Assessor

Bureau of Land Management, Vernal Office



Operator:	Operator: Newfield Production Company					
Well Name & Number	Federal 13-24-9-16					
API Number:	43-013-33342					
Lease:	UTU-15855					
Location: SW SW	Sec. 24 T. 9 South	R. 16 East				

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Co	mpany:	NEWFIELD	LD PRODUCTION COMPANY				
Well Name:		FEDERAL	13-24-9-16				
Api No:	43-013-3334	12	Lease Type:_	FEDER	AL		
Section 24	Township	09S Range_	16E Coun	ty DUC	CHESNE		
Drilling Co.	ntractor	NDSI		_RIG #	NS#1		
SPUDDE	D:						
	Date	11/06/07					
	Time	3:00 PM	_				
	How	DRY					
Drilling wi	ill Commenc	e:					
Reported by		DELL RAY					
Telephone#		(435) 828-611	10				
Date	11/07/07	Signed_	CHD				

CURRENT

ACTION

OPERATOR: NEWFIELD PRODUCTION COMPANY

OPERATOR ACCT. NO.

N2695

ADDRESS: RT. 3 BOX 3630 MYTON, UT 84052

	EMITTYNO	EMILLA MOT) ATTENDED	WELL HAVE			14571				
			1		UQ.] 9C	WELL	LOCATION	COUNTY	SPLEI	EFFECTIVE DATE
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ON	CURRENT	NEW	API NUMBER								
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)- Well (Louis on a saistful magic to a u	ensolijy Na antity		RECEIVED				-	Signature		Jentri Pa

E - Iter (cophia is comments section)

Signature

11/08/07

Date

NOV 0 8 2007

FORM 3160-5 September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

Same and the little same

W.

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004 5. Lease Serial No.

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The same of the sa

Do not use t	Y NOTICES AND REPORT this form for proposals to dr rell. Use Form 3160-3 (APD)	iil or to re-en	ter an	USA UTU-158 6. If Indian, Allo	355 ttee or Tribe Name.
1. Type of Well	Patrick (1.6 Collection	siins in 797	rear after	7. If Unit or CA/	Agreement, Name and/or
	Other		_	8. Well Name an	d No.
2. Name of Operator			-	FEDERAL 1	3-24-9-16
NEWFIELD PRODUCTION CO 3a. Address Route 3 Box 3630		b. Phone (inc	aluda ana anda)	9. API Well No.	
Myton, UT 84052	30	435.646.3721	lude are code)	4301333342	ol, or Exploratory Area
· · · · · · · · · · · · · · · · · · ·	Sec., T., R., M., or Survey Description			MONUMENT	• •
684 FSL 423 FWL		,		11. County or Pa	
SWSW Section 24 T9S R16E				DUCHESNE,	IT
12. CHECK	X APPROPRIATE BOX(ES)	TO INIDICA	TE NATURE	Ţ	
TYPE OF SUBMISSION	,		TYPE OF AC	TION	
□ Notice of Intent □ Subsequent Report □ Final Abandonment	Acidize Alter Casing Casing Repair Change Plans Convert to	Deepen Fracture Treat New Construct Plug & Abanct Plug Back	tion Re	oduction(Start/Resume) eclamation ecomplete emporarily Abandon ater Disposal	☐ Water Shut-Off ☐ Well Integrity ☐ Other Spud Notice
cf/ sk yeild. Returned 6	bbls cement to pit. WOC.			<u> </u>	
I hereby certify that the foregoing is	s true and	Title			
correct (Printed/ Typed)	o u uc dilu	11000			
Don Bastian			Foreman .		
Signature On Ba	stian	Date 11/09/2	007		
	- PERSONAL PER	5 06.831.3	The second of the second second		
	ed. Approval of this notice does not warra		Title	Da	te
certify that the applicant holds legal or ed	quitable title to those rights in the subject le	ease	Office		
which would entitle the applicant to cond	luct operations thereon.				
	3 U.S.C. Section 1212, make it a crime for statements or representations as to any ma			nake to any department or ag	
(Instructions on reverse)				The same of the sa	Show The

NOV 1 4 2007

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

LAST CASI	NG 8 5/8	" SET	AT 3 <u>14.58'</u>		OPERATOR	₹	NewField	Production	Company	
DATUM _				·····		Federal 13		· roduction	Company	
DATUM TO	CUT OFF C	ASING					Monumen	t Butte		
DATUM TO	BRADENHI	EAD FLANGE						NDSI NS# 1	<u> </u>	
TD DRILLER	310'	LOGG	ER							
HOLE SIZE			-							
LOG OF CA	SING STRII	NG:								
PIECES	OD	ITEM -	MAKE - DESC	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH	
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		<u> </u>	GUIDE	shoe	ļJ		8rd	A	0.9	
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			7	LESS CUT OFF PIECE						
LESS NON			1.85		PLUS DATUM TO T/CUT OFF CSG					
PLUS FULL	· · · · · · · · · · · · · · · · · · ·	DUT	0		CASING SET DEPTH 314.5					
			302.73		٦)					
TOTAL CSG	. DEL. (W/O	THRDS)	302.73	7	COMPARE					
TIMING			1ST STAGE		-					
BEGIN RUN		Spud		3:00 PM	GOOD CIRC THRU JOB Yes					
CSG. IN HOL			11/7/2007	2:00 PM	Bbls CMT CIRC TO SURFACE 6					
BEGIN CIRC			11/8/2007	11:29 PM	RECIPROCA	TED PIPE F			_FT STROKE	
BEGIN PUMI BEGIN DSPL			11/8/2007	11:42 PM				V/A		
PLUG DOWN			11/8/2007		BUMPED PL	UG TO	120		PSI	
CEMENT US			11/8/2007	12:02 PM CEMENT CO	L ADANY I	D 1		21000	- iyaana i	
	# SX					B. J.				
STAGE # SX CEMENT TYF 1 160 Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-F						7				
		Oldoo O III	Z70 OdOLZ 1 1	74m3K Cello-I	iake illixed @	15.6 ppg 1.1	7 CI/SK yield		· · · · · · · · · · · · · · · · · · ·	
										
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COMPANY REPRESENTATIVE Don Bastian

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

Lease Serial No.

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6.	Ιf	Indian,	Allottee	or	Tribe	Name
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SUBMIT IN T	RPEICAPE TO the distr	ucionsonie	veise etite.	7. If Un	it or CA/Agreement, Name and/or
1. Type of Well Oil Well Gas Well	☐ Other	ALL CONTRACTOR OF THE PROPERTY		200 200 200 200 200 200 200 200 200 200	
	- Other				Name and No.
2. Name of Operator NEWFIELD PRODUCTION CO	DAME A NISZ			FEDI	ERAL 13-24-9-16
3a. Address Route 3 Box 3630		at 21			Well No.
		•	iclude are code		333342
100 100 100 100 100 100 100 100 100 100		435.646.3721		10. Field	d and Pool, or Exploratory Area
and an add and the lower and	Sec., T., R., M., or Survey Descript	ion)		MON	UMENT BUTTE
:=684 FSL423 FWL				11. Cou	nty or Parish, State
SWSW, Section 24 T9S R16E				DUCI	HESNE, UT
12. CHECK	APPROPRIATE BOX(ES) TO INIDICA	ATE NATUI	RE OF NOTICE,	OR OTHER DATA
S TYPE OF SUBMISSION			TYPE OF	ACTION	
18.	—	r —			
Notice of Intent	Acidize	Deepen		Production(Start/Re	esume) Water Shut-Off
Trottee of finance	Alter Casing	Fracture Trea	at 🛄	Reclamation	Well Integrity
Subsequent Report	Casing Repair	New Constru	iction 🔲	Recomplete	Other
	Change Plans	Plug & Aban	idon 🗖	Temporarily Aband	
Final Abandonment	Convert to	Plug Back	X	Water Disposal	
	Convert to	1 lug Dack	بها	Water Disposar	
Final Abandonment Notices shall be inspection. Formation water is produced Ashley, Monument Butte, produced water is injected. Water not meeting quality approved surface disposa		If the production facilities to enhance to field's Pariette Acc Oil, C	on water me s by compar Newfield's se	ets quality guidel ny or contract truc econdary recover well (Sec. 7, T98 the on of Mining	ines, it is transported to the cks. Subsequently, the y project.
I hereby certify that the foregoing is correct (Printed Typed)	true and	Title			
Mandre Crozier	_	Regula	tory Specialist		
Signature:	./	Date			
o de lamh	hour	02/07/2	2008		
	A PRISTACE ROR	ingőjárkárók	ORIȘII AVIJE	ORTORUSE	
apino de			Tielo		Date
Approved by	A Ammunat Cabin and a factor of		Title		t vair.
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to condu	uitable title to those rights in the subject		Office		
Title 18 U.S.C. Section 1001 and Title 43		r any person knowir	ngly and willfully	to make to any departn	nent or agency of the United
States any false, fictitious and fraudulent s					

(Instructions on reverse)

RECEIVED FEB 1 1 2008

•	DEPARTMENT OF NATURAL RI DIVISION OF OIL, GAS ANI			5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855
SUNDRY	Y NOTICES AND REPO	RTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	rill new wells, significantly deepen existing wells be tal laterals. Use APPLICATION FOR PERMIT TO			7. UNIT or CA AGREEMENT NAME:
TYPE OF WELL: OIL WELL	GAS WELL OTHER	***************************************		8. WELL NAME and NUMBER: FEDERAL 13-24-9-16
NAME OF OPERATOR:				9. API NUMBER:
NEWFIELD PRODUCTION COM	MPANY			4301333342
ADDRESS OF OPERATOR:	Modern IVT	04050	PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:
Route 3 Box 3630 C	ITY Myton STATE UT	ZIP 84052	435.646.3721	MONUMENT BUTTE
FOOTAGES AT SURFACE: 684 FSL 4	23 FWL			COUNTY: DUCHESNE
OTR/OTR, SECTION, TOWNSHIP, RANGE	E. MERIDIAN: SWSW, 24, T9S, R16E			STATE: UT
CHECK APPRO	PRIATE BOXES TO INDICATI	E NATURE	OF NOTICE, REPO	DRT, OR OTHER DATA
TYPE OF SUBMISSION			PE OF ACTION	
7	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE	TREAT	SIDETRACK TO REPAIR WELL
	CASING REPAIR	NEW CONST		TEMPORARITLY ABANDON
Approximate date work will	CHANGE TO PREVIOUS PLANS	OPERATOR		=
				TUBING REPAIR
•	CHANGE TUBING	PLUG AND		VENT OR FLAIR
SUBSEOUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	L PLUG BACK		WATER DISPOSAL
Date of Work Completion:	CHANGE WELL STATUS	PRODUCTIO	ON (START/STOP)	WATER SHUT-OFF
Date of Work Completion,	COMMINGLE PRODUCING FORMATIONS	RECLAMAT	ION OF WELL SITE	OTHER: - Weekly Status Report
02/06/2008	CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATION	
	OMPLETED OPERATIONS. Clearly show a li went on production 2/6/08. See atta		=	otumes, etc.

DATE___02/14/2008

(This space for State use only)

RECEIVED FEB | 5 2008

Daily Activity Report

Format For Sundry FEDERAL 13-24-9-16 12/1/2007 To 4/29/2008

1/23/2008 Day: 1

Completion

Rigless on 1/22/2008 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/mast & run CBL under pressure. WLTD @ 5401' & cement top @ 92'. Perforate stage #1, LODC sds @ 4912-4922' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120°) w/ 4 spf for total of 40 shots. 110 BWTR. SWIFN.

1/31/2008 Day: 2

Completion

Rigless on 1/30/2008 - RU BJ Services "Ram Head" frac flange. RU BJ & frac LODC sds, stage #1 down casing w/ 19518#'s of 20/40 sand in 315 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3037 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 3001 w/ ave rate of 23.2 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 3269. 425 bbls EWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 18' perf gun. Set plug @ 4850'. Perforate A1 sds w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 72 shots. RU BJ & frac stage #2 w/ 102,122#'s of 20/40 sand in 772 bbls of Lightning 17 frac fluid. Open well w/ 2528 psi on casing. Perfs broke down @ 4108 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2124 w/ ave rate of 23.3 bpm w/ 8 ppg of sand. ISIP was 3269. 1197 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4 hours & died w/ 280 bbls rec'd. SIFN.

2/1/2008 Day: 3

Completion

Western #4 on 1/31/2008 - Thaw well out. MIRUSU. Open well w/ 150 psi on casing. Bled well down. RD Cameron BOP's & 5K frac head. Instal 3K production tbg head & Schaefer BOP's. RU 4-3/4' Chomp bit & bit sub. Tally & pickup off trailer used string of 2-7/8", 6.5#, 8EUE, J-55 tbg. 150 jts in tag sand @ 4815'. RU pump, tanks & swivel. Circulate down to plug @ 4850'. Drlg out plug. TIH w/ tbg to tag sand @ 5473'. C/O sand to PBTD @ 5635'. LD 2 jts tbg. SIFN.

2/2/2008 Day: 4

Completion

Western #4 on 2/1/2008 - Thaw well out. Open well w/ vacuum on casing. RU swab & made 17 runs to recover 110 bbls of fluid. IFL was 100'. Last run showed trace of oil w/ no sand. FFL was 1900'. RD swab equip. TIH w/ tbg to tag no new sand. Circulate well clean @ BPTD @ 5635'. TOOH w/ tbg. LD bit & bit sub. TIH lost NC, 2 jts SN, 1jt down hole, had to make a trip w/ tbg to retrieve lost tbg. TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA CDI new 45,000# shear, 59 jts tbg. SIFN.

2/5/2008 Day: 5

Completion

Western #4 on 2/4/2008 - Open well w/ vacuum on casing. Continue TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA CDI new 45,000# shear, jts tbg. RD BOP's. Set TA @ 4890' w/ 16,000#'s tension w/ SN @ 4924' & EOT @ 4989'. Flush tbg w/ 60 bbls water. Pickup & prime pump. TIH w/ used rods string ("B" grade), 2-1/2" x 1-1/2" x 16' x 19.5' RHAC CDI new pump, 6-1-1/2" weight rods, 20-3/4" guided rods (4 per), 70-3/4" slick rods, 100-3/4" guided (4 per) rods, 2', 4' x 3/4" pony rods, 1-1/2" x 26' polish rod. Space pump. Test tbg to 800 psi w/ hot oiler. Left unit down due to surface equipment. RDMOSU.

2/7/2008 Day: 6

Completion

Western #4 on 2/6/2008 - Repair surface equipment. PWOP @ 3:00 pm w/ 102" SL & 5 SPM. Final report.

Pertinent Files: Go to File List

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* FORM APPROVED

(See other instructions ons reverse side) OMB NO. 1004-0137 Expires: February 28, 1995

5 LEASE DESIGNATION AND SERIAL NO

U-1	5855	

11/6/07	NAME
18. TYPE OF WELL 18. WORL 18. WELL 1	· · · · · · · · · · · · · · · · · · ·
STARM OF LEASE NAME WELLING STARM OF LEASE NAME WELLING FEDERAL 13-24-9.	K
New New New New Deepen Pluce Back Bif Rissur Other FEDERAL 13-24-9-	
Newfield Exploration Company	
Newfield Exploration Company	<i>j</i> -10
1401 17th St. Suite 1000 Denver, CO 80202 MONUMENT BUT	
1 SEC_T.F.R. N. OR BLOCK AND SURVEY	rte
At total depth At total depth	
15. DATE SPUDGED 16 DATE TD REACHED 17 DATE COMPL (Realy to prod.) 18 ELEVATIONS OF, RXB, RT GR, ETC.)* 19 ELEV CA 11/6/07 11/27/07 17 DATE COMPL (Realy to prod.) 18 ELEVATIONS OF, RXB, RT GR, ETC.)* 19 ELEV CA 11/6/07 11/27/07 17 DATE COMPL (Realy to prod.) 18 ELEVATIONS OF, RXB, RT GR, ETC.)* 19 ELEV CA 11/6/07 11/27/07 17 DATE COMPL (Realy to prod.) 18 ELEVATIONS OF, RXB, RT GR, ETC.)* 19 ELEV CA 11/6/07 11/27/07 17 DATE COMPL (Realy to prod.) 18 ELEVATIONS OF, RXB, RT GR, ETC.)* 19 ELEV CA 11/6/07 11/27/07 17 DATE COMPL (Real) to prod.) 18 ELEVATIONS OF, RXB, RT GR, ETC.)* 19 ELEV CA 11/6/07 11/27/07 17 DATE COMPL (Real) to prod.) 18 ELEVATIONS OF, RXB, RT GR, ETC.)* 19 ELEV CA 11/6/07 11/27/07 17 DATE COMPL (Real) to prod.) 18 ELEVATIONS OF, RXB, RT GR, ETC.)* 19 ELEV CA 11/6/07 11/27/07 17 DATE COMPL (Real) to prod.) 18 ELEVATIONS OF, RXB, RT GR, ETC.)* 19 ELEV CA 11/6/07 11/27/07 17 DATE COMPL (Real) to prod. 18 ELEVATIONS OF, RXB, RT GR, ETC.)* 19 ELEV CA 11/6/07 11/27/07 17 DATE COMPL (Real) to prod. 18 ELEVATIONS OF, RXB, RT GR, ETC.)* 18 ELEVATIONS OF, RXB, RT GR, ETC.)* 19 ELEV CA 17 DATE COMPL. 18 ELEVATIONS OF, RXB, RT GR, ETC.)* 18 ELEVATIONS OF, RXB, RT	^ =
15. DATE SPUDDED 16 DATE T D REACHED 17 DATE COMPIL (Ready to prod.) 18 ELEVATIONS (DF. R.R.R. RT GR. ETC.)* 19 ELEV CA 11/6/07 11/27/07 11/27/07 15 DATE COMPIL (Ready to prod.) 18 ELEVATIONS (DF. R.R.R. RT GR. ETC.)* 19 ELEV CA 11/6/07 11/27/07 11/27/07 21/5/08 5656* GL. 5668* KB 18 ELEVATIONS (DF. R.R.R. RT GR. ETC.)* 19 ELEV CA 11/6/07 11/27/07 11/27/07 11/27/07 11/27/07 11/27/07 11/27/07 12/27/08 5656* GL. 5668* KB 18 ELEVATIONS (DF. R.R.R. RT GR. ETC.)* 19 ELEV CA 11/6/07 11/27/	<u>6E</u>
11/6/07	TE
22. NOTAL DEPTH, MD & TVD 21 PLUG BACK T D., MD & TVD 22 IF MULTIPLE COMPL. 123 INTERVALS ROTARY TOOLS CABLE TO	ASINGHEAD
STOD' S635'	OOLS
23 PRODUCING INTERVALIS. OF THIS COMPLETION.—TOP. BOTTOM. NAME (MD AND TVD)* GREEN RIVER 4780'-4922' 25 WAS DIRECTED SURVEYN	
27. VAS WEEL 27. WAS WEEL 27.	RECTIONAL
27. WAS WELD	MADE
Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log No.	NO
CASING NEEGRADE WEIGHT, LB #T DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUN	ELL CORED No
CASING SIZEGRADE WEIGHT, LB /FT DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUN	NO
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER	NT PULLED
29. LINER RECORD 30. TUBING RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER 2-7/8" EOT @ TA 4989.9.7" 489 31. PERFORATION RECORD (Interval, size and number) INTERVAL SIZE SPF/NUMBER DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL L LODC SDS 4912'-4922' .49" 4/40 4912'-4922' Frac w/ 19518#'s of 20/40 sand in 315 A1 sds 4780'-4798' .49" 4/72 4780'-4798' rac w/ 102122 #'s pf 20/40 sand in 772	
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER	
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER	
2-7/8" EO1 @ TA	R SET (MD)
1	A @
INTERVAL SIZE SPF/NUMBER DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL U. LODC SDS 4912'-4922' .49" 4/40 4912'-4922' Frac w/ 19518#'s of 20/40 sand in 315 A1 sds 4780'-4798' .49" 4/72 4780'-4798' rac w/ 102122 #'s pf 20/40 sand in 772	90.21'
LODC SDS 4912'-4922' .49" 4/40 4912'-4922' Frac w/ 19518#'s of 20/40 sand in 315 A1 sds 4780'-4798' .49" 4/72 4780'-4798' rac w/ 102122 #'s pf 20/40 sand in 772	
A1 sds 4780'-4798' .49" 4/72 4780'-4798' rac w/ 102122 #'s pf 20/40 sand in 772	USED
A1 sds 4780'-4798' .49" 4/72 4780'-4798' rac w/ 102122 #'s pf 20/40 sand in 772	
A1 sds 4780'-4798' .49" 4/72 4780'-4798' rac w/ 102122 #'s pf 20/40 sand in 772	5 bbls of fluid
	2 50.0 01 110.
PRODUCTION	
PRODUCTION	
PRODUCTION	
1 NODUCTION	~~~
DATE FIRST PRODUCTION 2/5/08 PRODUCTION METHOD (Flowing, gas lift, pumpingsize and type of pump) 2 1/2' x 1 1/2" x 16' 19.5' RHAC pump w/ SM plunger PRODUCI	•
DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR OIL-BBLS GAS-MCF WATER-BBL GAS-OIL RAT	TIO
10 day ave TEST PERIOD 378 47 386 2	270
LOW. TUBING PRESS CASING PRESSURE CALCULATED OIL-BBL. GASMCF WATERBBL OIL GRAVITY-API (CORR	R)
24-HOUR RATE BECEIVED	
TEST WITNESSED BY	
5. LIST OF ATTACHMENTS	
6. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED THILE Production Technician DATE 2/21.	
Tammi Lee	1/2008



Well Name: Federal 13-24-9-16 LOCATION: S24, T9S, R16E COUNTY/STATE: Duchesne

API: 43-013-33342

Spud Date: 11-6-07

TD: 5700' CSG: 11-28-07 POP: 2-4-08

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
2/4/2008				1116				Waiting for final report
2/5/2008				1116				
2/6/2008	14	0	22	1094	0	0	5 3/4	
2/7/2008	24	0	94	1000	0	0	6 1/4	
2/8/2008	24	0		1000	0	0	6 1/4_	Water was hauled no ticket left.
2/9/2008	24	125_	0	1000	0	0	6 1/4	
2/10/2008	24	68	0	1000	1		6 1/4	
2/11/2008	24	25	67	933	4	50	6 1/4	
2/12/2008	24	7	43	890	5	55	6 1/4	
2/13/2008	24	33	0	890	0	50	5 3/4	
2/14/2008	24	80	70	820	5	50	5 3/4	
2/15/2008	24	10	60	760	11		5 3/4	
2/16/2008	24	30	20	740	10		6 1/4	
2/17/2008	24	20	10	730	11		6 1/4	
2/18/2008	24	0	71	659	11	60	5 3/4	
2/19/2008	24	60	3	656	9	30	5 3/4	
2/20/2008				656				
2/21/2008				656				
2/22/2008				656				
2/23/2008				656				
2/24/2008				656				
2/25/2008				656				
2/26/2008				656				
2/27/2008			1	656				
2/28/2008				656				
2/29/2008				656				
3/1/2008	$ \neg$			656				
3/2/2008	$\neg \neg$			656				
3/3/2008	$\neg \neg$			656				
3/4/2008				656				
3/5/2008	$\neg \neg$			656				
3/6/2008				656				
		458	460		67			

24900

Sundry Number: 26047 API Well Number: 43013333420000

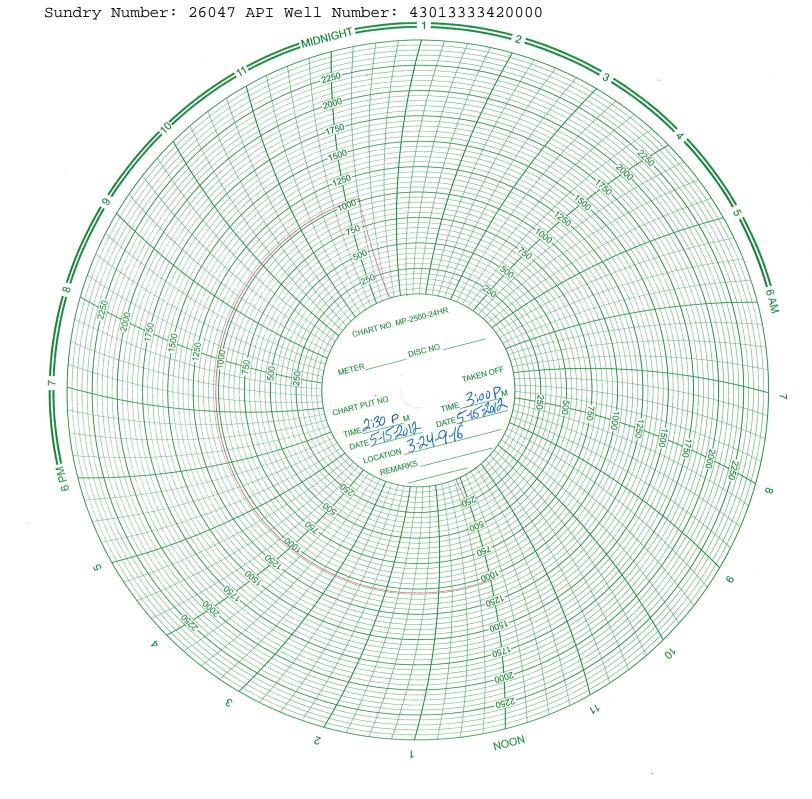
	FORM 9		
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	3	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	oposals to drill new wells, significantly deep reenter plugged wells, or to drill horizontal l n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 13-24-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		9. API NUMBER: 43013333420000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		NE NUMBER: t	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0684 FSL 0423 FWL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWSW Section:	HIP, RANGE, MERIDIAN: 24 Township: 09.0S Range: 16.0E Meridian:	S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
The subject well he injection well on 0 State of Utah DOG above listed well. Opsig and charted for injecting during the	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF	ucing oil well to an ris Jensen with the e initial MIT on the ressured up to 1030 ess. The well was not 1300 psig during the	Accepted by the Utah Division of Oil, Gas and Mining Date: June 04, 2012
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician	
SIGNATURE N/A		DATE 5/25/2012	

Sundry Number: 26047 API Well Number: 43013333420000

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness: Test Conducted by: Cody Marx Others Present:	Date <u>5</u> 1 <u>15</u> 1 <u>201</u>	2 Time <u>2:3/)</u> ar
Well: Federal Well Location: 13-24-9-16	Field: Monus	
<u>Time</u>	Casing Pressure	
0 min	1030	psig
5	1030	psig
10	1030	psig
15	1030	psig
20	1030	psig
25	1030	psig
30 min	1030	psig
35		psig
40	-	psig
45		psig
50		psig
55		psig
60 min	Verband of the second of the s	psig
Tubing pressure:	1300	psig
Result:	Pass	Fail
Signature of Witness: Signature of Person Cond	ucting Test:	



Sundry Number: 26047 API Well Number: 43013333420000
Summary Rig Activity
Page 1 of 4

Daily Activity Report

Format For Sundry FEDERAL 13-24-9-16 3/1/2012 To 7/30/2012

5/3/2012 Day: 1

Conversion

NC #2 on 5/3/2012 - MIRUSU, L/D Rods On Float, R/D Wellhead, R/U BOPS, Tag Fill, POOH W/- Tbg, Breaking & Dopeing Collars - Move From The Pomco Federal 1-18-9-17 To Th Lone Tree Federal 13-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Try To Pressure Test Tbg To 3,000 Psi, H/Oiler Pmp 35 Bbls Wtr, Tbg Vol Is Only 29 Bbls, Suspected Hole In The Tbg, L/D 1- 2' x 3/4" Pony Sub (On Top Of Polished Rod), 1 1/2" x 26' Polished Rod, 1- 4' x 3/4" Pony Sub, 2-8' x 3/4" Pony Subs, 98-3/4" Guided Rods, 49-3/4" Plain Rods (15 Are E Grade), 40-3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars (3 Are E Grade), Rod Pmp, Flush Rods W/- 30 Bbls Wtr On TOH, Bttm 20 Rods & Wt Bars Had Scale On Them, Pull Rod Was Pencil Thin & Pmp Screen Was covered In Scale, X - Over For Tbg, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 20- Jts Tbg, Tag Fill @5572', No New Fill On PBTD, L/D 20- Jts Tbg, POOH W/- 40- Jts Tbg, Breaking & Dopeing Every Collar, SWI, CSDFN @ 8:30 PM, 8:30 To 9:00 PM C/Trvl. - Move From The Pomco Federal 1-18-9-17 To Th Lone Tree Federal 13-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Try To Pressure Test Tbg To 3,000 Psi, H/Oiler Pmp 35 Bbls Wtr, Tbq Vol Is Only 29 Bbls, Suspected Hole In The Tbg, L/D 1- 2' x 3/4" Pony Sub (On Top Of Polished Rod), 1 1/2" x 26' Polished Rod, 1- 4' x 3/4" Pony Sub, 2- 8' x 3/4" Pony Subs, 98- 3/4" Guided Rods, 49 -3/4" Plain Rods (15 Are E Grade), 40- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars (3 Are E Grade), Rod Pmp, Flush Rods W/- 30 Bbls Wtr On TOH, Bttm 20 Rods & Wt Bars Had Scale On Them, Pull Rod Was Pencil Thin & Pmp Screen Was covered In Scale, X - Over For Tbg, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 20- Jts Tbg, Tag Fill @5572', No New Fill On PBTD, L/D 20- Jts Tbg, POOH W/- 40- Jts Tbg, Breaking & Dopeing Every Collar, SWI, CSDFN @ 8:30 PM, 8:30 To 9:00 PM C/Trvl. -Move From The Pomco Federal 1-18-9-17 To Th Lone Tree Federal 13-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Try To Pressure Test Tbg To 3,000 Psi, H/Oiler Pmp 35 Bbls Wtr, Tbg Vol Is Only 29 Bbls, Suspected Hole In The Tbg, L/D 1- 2' x 3/4" Pony Sub (On Top Of Polished Rod), 1 1/2" x 26' Polished Rod, 1- 4' x 3/4" Pony Sub, 2- 8' x 3/4" Pony Subs, 98-3/4" Guided Rods, 49 -3/4" Plain Rods (15 Are E Grade), 40- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars (3 Are E Grade), Rod Pmp, Flush Rods W/- 30 Bbls Wtr On TOH, Bttm 20 Rods & Wt Bars Had Scale On Them, Pull Rod Was Pencil Thin & Pmp Screen Was covered In Scale, X - Over For Tbg, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 20- Jts Tbg, Tag Fill @5572', No New Fill On PBTD, L/D 20- Jts Tbg, POOH W/- 40- Jts Tbg, Breaking & Dopeing Every Collar, SWI, CSDFN @ 8:30 PM, 8:30 To 9:00 PM C/Trvl. Finalized

Daily Cost: \$0

Cumulative Cost: \$8,731

5/4/2012 Day: 2

Conversion

NC #2 on 5/4/2012 - Finish Breaking & Dopeing, Perf Zones, P/U N-80 Tbg W/- Pkr & Plg -5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 78 Jts Tbg Breaking & Dopeing Collars, R/U The Perforators Wireline, RIH & Shoot C-Sands & GB-2 Zones, Shoot C- Sands @ 4509' -4512', GB-2 @ 3808' - 3811', R/D Wireline, P/U & TIH W/- Plg & Pkr, 145- Jts Tbg (N-80), Set Plg @ 4575', POOH W/- 3- Jts Tbg, Let Hang, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 78 Jts Tbg Breaking & Dopeing Collars, R/U The Perforators Wireline, RIH & Shoot C-Sands & GB-2 Zones, Shoot C- Sands @ 4509' - 4512', GB-2 @ 3808' - 3811', R/D Wireline, P/U & TIH W/- Plg & Pkr, 145- Jts Tbg (N-

Sundry Number: 26047 API Well Number: 43013333420000
Summary Rig Activity
Page 2 of 4

80), Set Plg @ 4575', POOH W/- 3- Jts Tbg, Let Hang, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 78 Jts Tbg Breaking & Dopeing Collars, R/U The Perforators Wireline, RIH & Shoot C-Sands & GB-2 Zones, Shoot C-Sands @ 4509' - 4512', GB-2 @ 3808' - 3811', R/D Wireline, P/U & TIH W/- Plg & Pkr, 145-Jts Tbg (N-80), Set Plg @ 4575', POOH W/- 3- Jts Tbg, Let Hang, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$18,366

5/7/2012 Day: 3 Conversion

NC #2 on 5/7/2012 - Frac Well, Flow Back, L/D N-80 Tbg - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, Set Pkr, R/U Baker Hughes, Frac C-Sands Zone, Flow Bac Flow Back For Approx. 24 Min, Release Pkr, TIH W/- 3- Jts Tbq, Circ Top Of Plg Clean, Latch Onto & Release Plg, POOH W/- 23- Jts Tbg, Set Plg @ 3849', POOH W/- 2- Jts Tbg, Set Pkr @ 3776', R/U Baker Hughes, Frac GB-2 Zone, Flow Back For Approx. 30 Min, Release Pkr, TIH W/- 2 Jts Tbg, Circ. Plg Clean, Latch Onto Plg, Release & Start To POOH & L/D N-80 Tbg, Tbg Started To Come Dirty, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Proceed To L/D N-80 Tbg, Left 34 Jts Tbg In The Hole, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, Set Pkr, R/U Baker Hughes, Frac C-Sands Zone, Flow Bac Flow Back For Approx. 24 Min, Release Pkr, TIH W/- 3- Jts Tbq, Circ Top Of Plq Clean, Latch Onto & Release Plq, POOH W/-23- Jts Tbg, Set Plg @ 3849', POOH W/- 2- Jts Tbg, Set Pkr @ 3776', R/U Baker Hughes, Frac GB-2 Zone, Flow Back For Approx. 30 Min, Release Pkr, TIH W/- 2 Jts Tbg, Circ. Plg Clean, Latch Onto Plg, Release & Start To POOH & L/D N-80 Tbg, Tbg Started To Come Dirty, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Proceed To L/D N-80 Tbg, Left 34 Jts Tbg In The Hole, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, Set Pkr, R/U Baker Hughes, Frac C-Sands Zone, Flow Bac Flow Back For Approx. 24 Min, Release Pkr, TIH W/- 3- Jts Tbg, Circ Top Of Plg Clean, Latch Onto & Release Plg, POOH W/- 23- Jts Tbg, Set Plg @ 3849', POOH W/- 2- Jts Tbg, Set Pkr @ 3776', R/U Baker Hughes, Frac GB-2 Zone, Flow Back For Approx. 30 Min, Release Pkr, TIH W/- 2 Jts Tbg, Circ. Plg Clean, Latch Onto Plg, Release & Start To POOH & L/D N-80 Tbg, Tbg Started To Come Dirty, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Proceed To L/D N-80 Tbg, Left 34 Jts Tbg In The Hole, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$59,425

5/8/2012 Day: 4 Conversion

NC #2 on 5/8/2012 - TIH W/- Tbg & Pkr, Pressure Test Tbg - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, L/D 34- Jts N-80 Tbg, P/U & TIH W/- Weatherford Arrowset Pkr, SN, 118- Jts Tbg (J-55), R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For A Pad, Drop Stnd Vlve, Try To Pressure Up, No Test, R/U Sandline, RIH Try To Seat Stnd Vlve, Re-try To Pressure Up On Tbg, No Test, R/U Sandline, Fish Stnd VIve, Drop Another Stnd VIve, Try To Pressure Up Again, No Test, RIH W/- Sandline, Try To Seat Stnd VIve, POOH W/- Sandline, Try To Pressure Up Again, No Test, POOH W/- 118- Jts Tbg, SN, Pkr, Stnd VIve Was Not In The SN, Replace SN, Start To TIH W/-Tbg, Found Stnd Vive Stuck In The 4th Jt Above SN, Jt Was Crimped, L/D Jt, P/U Another Jt Tbg, TIH W/- Tbg, Drop Another Stnd VIve, Try To Pressure Up On Tbg, No Test, RIH W/-Sandline To Seat Stnd VIve, Try To Pressure Up On Stnd VIve Again, Pressure Up To 3,000 Psi, Let Hold Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/TrvI, 6:00 AM OWU, L/D 34- Jts N-80 Tbg, P/U & TIH W/- Weatherford Arrowset Pkr, SN, 118- Jts Tbg (J-55), R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For A Pad, Drop Stnd Vlve, Try To Pressure Up, No Test, R/U Sandline, RIH Try To Seat Stnd Vlve, Re-try To Pressure Up On Tbg, No Test, R/U Sandline, Fish Stnd Vlve, Drop Another Stnd Vlve, Try To Pressure Up Again, No Test, RIH W/- Sandline, Try To Seat Stnd VIve, POOH W/- Sandline, Try To Pressure Sundry Number: 26047 API Well Number: 43013333420000 Page 3 of 4

Up Again, No Test, POOH W/- 118- Jts Tbg, SN, Pkr, Stnd Vlve Was Not In The SN, Replace SN, Start To TIH W/- Tbg, Found Stnd VIve Stuck In The 4th Jt Above SN, Jt Was Crimped, L/D Jt, P/U Another Jt Tbg, TIH W/- Tbg, Drop Another Stnd Vlve, Try To Pressure Up On Tbg, No Test, RIH W/- Sandline To Seat Stnd Vlve, Try To Pressure Up On Stnd Vlve Again, Pressure Up To 3,000 Psi, Let Hold Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, L/D 34- Jts N-80 Tbg, P/U & TIH W/-Weatherford Arrowset Pkr, SN, 118- Jts Tbg (J-55), R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For A Pad, Drop Stnd VIve, Try To Pressure Up, No Test, R/U Sandline, RIH Try To Seat Stnd VIve, Re-try To Pressure Up On Tbg, No Test, R/U Sandline, Fish Stnd Vlve, Drop Another Stnd Vlve, Try To Pressure Up Again, No Test, RIH W/- Sandline, Try To Seat Stnd VIve, POOH W/-Sandline, Try To Pressure Up Again, No Test, POOH W/- 118- Jts Tbg, SN, Pkr, Stnd VIve Was Not In The SN, Replace SN, Start To TIH W/- Tbg, Found Stnd Vlve Stuck In The 4th Jt Above SN, Jt Was Crimped, L/D Jt, P/U Another Jt Tbg, TIH W/- Tbg, Drop Another Stnd Vlve, Try To Pressure Up On Tbg, No Test, RIH W/- Sandline To Seat Stnd Vlve, Try To Pressure Up On Stnd VIve Again, Pressure Up To 3,000 Psi, Let Hold Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$68,409

5/9/2012 Day: 5

Conversion

NC #2 on 5/9/2012 - Get Final Test On Tbg, Set Pkr, Pressure Test Csg - 5:30 To 6:00 AM C/TrvI, 6:00 AM OWU, Pressure Bled Off 200 Psi Over Night, R/U H/Oiler To Tbg, Pressure Back Up To 3,000 Psi, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd VIve, R/D Sandline, R/D Wetaherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, R/U H/Oiler To Csg, Fill & Test To 1,500 Psi, Hold For 30 Min, Pressure Bled Off 150 Psi, Bump Back Up, Hold For 30 Min, Pressure Bled Off 75 Psi, Bump Back Up, Hold Pressure For 1 Hr Solid, Good Test, R/D NC #2, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off 200 Psi Over Night, R/U H/Oiler To Tbg, Pressure Back Up To 3,000 Psi, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd Vlve, R/D Sandline, R/D Wetaherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, R/U H/Oiler To Csg, Fill & Test To 1,500 Psi, Hold For 30 Min, Pressure Bled Off 150 Psi, Bump Back Up, Hold For 30 Min, Pressure Bled Off 75 Psi, Bump Back Up, Hold Pressure For 1 Hr Solid, Good Test, R/D NC #2, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off 200 Psi Over Night, R/U H/Oiler To Tbg, Pressure Back Up To 3,000 Psi, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd VIve, R/D Sandline, R/D Wetaherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, R/U H/Oiler To Csq, Fill & Test To 1,500 Psi, Hold For 30 Min, Pressure Bled Off 150 Psi, Bump Back Up, Hold For 30 Min, Pressure Bled Off 75 Psi, Bump Back Up, Hold Pressure For 1 Hr Solid, Good Test, R/D NC #2, Well Ready For MIT.

Daily Cost: \$0

Cumulative Cost: \$161,154

5/23/2012 Day: 6

Conversion

Rigless on 5/23/2012 - Conduct initial MIT - On 05/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1030 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1300 psig during the test. There was not a State representative available to witness the test. - On 05/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1030 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure

Sundry Number: 26047 API Well Number: 43013333420000 Summary Rig Activity

was 1300 psig during the test. There was not a State representative available to witness the test. - On 05/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1030 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1300 psig during the test. There was not a State representative available to witness the test. **Finalized**

Page 4 of 4

Daily Cost: \$0

Cumulative Cost: \$192,974

Pertinent Files: Go to File List

Sundry Number: 37624 API Well Number: 43013333420000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9
ι	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855		
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	posals to drill new wells, significantly dee reenter plugged wells, or to drill horizontal n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 13-24-9-16		
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	9. API NUMBER: 43013333420000		
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT,		ONE NUMBER: xt	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0684 FSL 0423 FWL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH	HP, RANGE, MERIDIAN: 24 Township: 09.0S Range: 16.0E Meridian:	: S	STATE: UTAH
11. CHECH	K APPROPRIATE BOXES TO INDICATE N	IATURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
5/15/2012	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT		SI TA STATUS EXTENSION	APD EXTENSION
Report Date:			
		OTHER	OTHER: New Perforations
The above sub conversion. Attach following perforat	completed operations. Clearly show all perject well had new perforations ed are the schematic and Daily ions were added in the Green FUSPF 9 holes GB2 3808-3811	added during a Activity report. The River Formation: C	Accepted by the Utah Division of Oil, Gas and Mining Date: May 20, 2013
			By: Daggell
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician	
SIGNATURE N/A		DATE 5/6/2013	

Sundry Number: 37624 API Well Number: 43013333420000

FEDERAL 13-24-9-16

Put on Production: 2/5/08 GL: 5656' KB: 5668'

SURFACE CASING

Spud Date: 11/6/07

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts, (302,73')
DEPTH LANDED: 314.58'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15,5#

LENGTH: 132 jts. (5661.02') HOLE SIZE: 7-7/8" DEPTH LANDED: 5674.27'

CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 92'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6,5#

NO. OF JOINTS: 118 jts (3727')

SEATING NIPPLE: 2-7/8" (1,10')

SN LANDED AT: 3739' KB

PACKER @: 3743,4'

TOTAL STRING LENGTH: EOT @ 3746,45⁴

Injection Wellbore Diagram Cement Top@ 92 Casing Shoe @ 315' Packer @ 3743' EOT @ 3746' 3808-3811* 4509-4512' 4780-4798 4912-4922' PBTD @ 5635'

TD @ 5700'

FRAC JOB

1/30/08 4912-4922 Frac LODC sands as follows Frac with 19518# 20/40 sand in 315bbls Lightning 17 fluid. Treat at 3001psi @ 23.2 BPM, ISIP 3269 psi. Frac A1 sands as follows: Frac with 102122# 20/40 sand in 772bbls Lightning 17 fluid, Treat at 2124 psi @ 1/30/08 4780-4798 23.3 BPM, ISIP 3269psi. 8/12/09 Pump Change. Updated rod & tubing details 2/6/10 Tubing leak. Updated rod and tubing 05/07/12 4509-4512° Frac C sands as follows: Frac with 11769# 20/40 sand in 154 bbls Lightning 17 fluid. 05/07/12 3808-38111 Frac GB2 sands as follows: Frac with 19313# 20/40 sand in 262 bbls Lightning 17 fluid 05/09/12 Convert to Injection Well 05/15/12 Conversion MIT Finalized - update tbg

PERFORATION RECORD

 4780-4798'
 4 JSPF
 72 holes

 4912-4922'
 4 JSPF
 40 holes

 05/04/12
 4509-4512'
 3 JSPF
 9 holes

 05/04/12
 3808-3811'
 3 JSPF
 9 holes



684' FSL & 423' FWL SWSW Section 24-T9S-R16E Duchesne Co, Utah API #43-013-33342; Lease #UTU-15855 Sundry Number: 37624 API Well Number: 43013333420000
Summary Rig Activity
Page 1 of 4

Daily Activity Report

Format For Sundry FEDERAL 13-24-9-16 3/1/2012 To 7/30/2012

5/3/2012 Day: 1 Conversion

NC #2 on 5/3/2012 - MIRUSU, L/D Rods On Float, R/D Wellhead, R/U BOPS, Tag Fill, POOH W/- Tbg, Breaking & Dopeing Collars - Move From The Pomco Federal 1-18-9-17 To Th Lone Tree Federal 13-24-9-16, MIRUSU, R/U H/Oiler To Csq, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Pmp, R/U H/Oiler To Tbq, Pmp 40 Bbls Wtr, Reseat Pmp, Try To Pressure Test Tbq To 3,000 Psi, H/Oiler Pmp 35 Bbls Wtr, Tbq Vol Is Only 29 Bbls, Suspected Hole In The Tbq, L/D 1- 2' x 3/4" Pony Sub (On Top Of Polished Rod), 1 1/2" x 26' Polished Rod, 1- 4' x 3/4" Pony Sub, 2-8' x 3/4" Pony Subs, 98-3/4" Guided Rods, 49-3/4" Plain Rods (15 Are E Grade), 40-3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars (3 Are E Grade), Rod Pmp, Flush Rods W/- 30 Bbls Wtr On TOH, Bttm 20 Rods & Wt Bars Had Scale On Them, Pull Rod Was Pencil Thin & Pmp Screen Was covered In Scale, X - Over For Tbg, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 20- Jts Tbg, Tag Fill @5572', No New Fill On PBTD, L/D 20- Jts Tbg, POOH W/- 40- Jts Tbg, Breaking & Dopeing Every Collar, SWI, CSDFN @ 8:30 PM, 8:30 To 9:00 PM C/Trvl. - Move From The Pomco Federal 1-18-9-17 To Th Lone Tree Federal 13-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Try To Pressure Test Tbg To 3,000 Psi, H/Oiler Pmp 35 Bbls Wtr, Tbg Vol Is Only 29 Bbls, Suspected Hole In The Tbg, L/D 1- 2' x 3/4" Pony Sub (On Top Of Polished Rod), 1 1/2" x 26' Polished Rod, 1- 4' x 3/4" Pony Sub, 2- 8' x 3/4" Pony Subs, 98- 3/4" Guided Rods, 49 -3/4" Plain Rods (15 Are E Grade), 40- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars (3 Are E Grade), Rod Pmp, Flush Rods W/- 30 Bbls Wtr On TOH, Bttm 20 Rods & Wt Bars Had Scale On Them, Pull Rod Was Pencil Thin & Pmp Screen Was covered In Scale, X - Over For Tbg, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 20- Jts Tbq, Taq Fill @5572', No New Fill On PBTD, L/D 20- Jts Tbq, POOH W/- 40- Jts Tbg, Breaking & Dopeing Every Collar, SWI, CSDFN @ 8:30 PM, 8:30 To 9:00 PM C/Trvl. -Move From The Pomco Federal 1-18-9-17 To Th Lone Tree Federal 13-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Try To Pressure Test Tbg To 3,000 Psi, H/Oiler Pmp 35 Bbls Wtr, Tbg Vol Is Only 29 Bbls, Suspected Hole In The Tbg, L/D 1- 2' x 3/4" Pony Sub (On Top Of Polished Rod), 1 1/2" x 26' Polished Rod, 1- 4' x 3/4" Pony Sub, 2- 8' x 3/4" Pony Subs, 98-3/4" Guided Rods, 49 -3/4" Plain Rods (15 Are E Grade), 40- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars (3 Are E Grade), Rod Pmp, Flush Rods W/- 30 Bbls Wtr On TOH, Bttm 20 Rods & Wt Bars Had Scale On Them, Pull Rod Was Pencil Thin & Pmp Screen Was covered In Scale, X - Over For Tbg, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 20- Jts Tbg, Tag Fill @5572', No New Fill On PBTD, L/D 20- Jts Tbg, POOH W/- 40- Jts Tbg, Breaking & Dopeing Every Collar, SWI, CSDFN @ 8:30 PM, 8:30 To 9:00 PM C/Trvl. Finalized

Daily Cost: \$0

Cumulative Cost: \$8,731

5/4/2012 Day: 2 Conversion

NC #2 on 5/4/2012 - Finish Breaking & Dopeing, Perf Zones, P/U N-80 Tbg W/- Pkr & Plg -5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 78 Jts Tbg Breaking & Dopeing Collars, R/U The Perforators Wireline, RIH & Shoot C-Sands & GB-2 Zones, Shoot C- Sands @ 4509' -4512', GB-2 @ 3808' - 3811', R/D Wireline, P/U & TIH W/- Plg & Pkr, 145- Jts Tbg (N-80), Set Plg @ 4575', POOH W/- 3- Jts Tbg, Let Hang, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 78 Jts Tbg Breaking & Dopeing Collars, R/U The Perforators Wireline, RIH & Shoot C-Sands & GB-2 Zones, Shoot C- Sands @ 4509' - 4512', GB-2 @ 3808' - 3811', R/D Wireline, P/U & TIH W/- Plg & Pkr, 145- Jts Tbg (N-

80), Set Plg @ 4575', POOH W/- 3- Jts Tbg, Let Hang, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 78 Jts Tbg Breaking & Dopeing Collars, R/U The Perforators Wireline, RIH & Shoot C-Sands & GB-2 Zones, Shoot C-Sands @ 4509' - 4512', GB-2 @ 3808' - 3811', R/D Wireline, P/U & TIH W/- Plg & Pkr, 145-Jts Tbg (N-80), Set Plg @ 4575', POOH W/- 3- Jts Tbg, Let Hang, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$18,366

5/7/2012 Day: 3 Conversion

NC #2 on 5/7/2012 - Frac Well, Flow Back, L/D N-80 Tbg - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, Set Pkr, R/U Baker Hughes, Frac C-Sands Zone, Flow Bac Flow Back For Approx. 24 Min, Release Pkr, TIH W/- 3- Jts Tbg, Circ Top Of Plg Clean, Latch Onto & Release Plg, POOH W/- 23- Jts Tbg, Set Plg @ 3849', POOH W/- 2- Jts Tbg, Set Pkr @ 3776', R/U Baker Hughes, Frac GB-2 Zone, Flow Back For Approx. 30 Min, Release Pkr, TIH W/- 2 Jts Tbg, Circ. Plg Clean, Latch Onto Plg, Release & Start To POOH & L/D N-80 Tbg, Tbg Started To Come Dirty, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Proceed To L/D N-80 Tbg, Left 34 Jts Tbg In The Hole, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, Set Pkr, R/U Baker Hughes, Frac C-Sands Zone, Flow Bac Flow Back For Approx. 24 Min, Release Pkr, TIH W/- 3- Jts Tbg, Circ Top Of Plg Clean, Latch Onto & Release Plg, POOH W/-23- Jts Tbg, Set Plg @ 3849', POOH W/- 2- Jts Tbg, Set Pkr @ 3776', R/U Baker Hughes, Frac GB-2 Zone, Flow Back For Approx. 30 Min, Release Pkr, TIH W/- 2 Jts Tbg, Circ. Plg Clean, Latch Onto Plg, Release & Start To POOH & L/D N-80 Tbg, Tbg Started To Come Dirty, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Proceed To L/D N-80 Tbg, Left 34 Jts Tbg In The Hole, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, Set Pkr, R/U Baker Hughes, Frac C-Sands Zone, Flow Bac Flow Back For Approx. 24 Min, Release Pkr, TIH W/- 3- Jts Tbg, Circ Top Of Plg Clean, Latch Onto & Release Plg, POOH W/- 23- Jts Tbg, Set Plg @ 3849', POOH W/- 2- Jts Tbg, Set Pkr @ 3776', R/U Baker Hughes, Frac GB-2 Zone, Flow Back For Approx. 30 Min, Release Pkr, TIH W/- 2 Jts Tbg, Circ. Plg Clean, Latch Onto Plg, Release & Start To POOH & L/D N-80 Tbg, Tbg Started To Come Dirty, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Proceed To L/D N-80 Tbg, Left 34 Jts Tbg In The Hole, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$59,425

5/8/2012 Day: 4 Conversion

NC #2 on 5/8/2012 - TIH W/- Tbg & Pkr, Pressure Test Tbg - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, L/D 34- Jts N-80 Tbg, P/U & TIH W/- Weatherford Arrowset Pkr, SN, 118- Jts Tbg (J-55), R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For A Pad, Drop Stnd Vlve, Try To Pressure Up, No Test, R/U Sandline, RIH Try To Seat Stnd VIve, Re-try To Pressure Up On Tbg, No Test, R/U Sandline, Fish Stnd VIve, Drop Another Stnd VIve, Try To Pressure Up Again, No Test, RIH W/- Sandline, Try To Seat Stnd VIve, POOH W/- Sandline, Try To Pressure Up Again, No Test, POOH W/- 118- Jts Tbg, SN, Pkr, Stnd VIve Was Not In The SN, Replace SN, Start To TIH W/-Tbg, Found Stnd VIve Stuck In The 4th Jt Above SN, Jt Was Crimped, L/D Jt, P/U Another Jt Tbg, TIH W/- Tbg, Drop Another Stnd VIve, Try To Pressure Up On Tbg, No Test, RIH W/-Sandline To Seat Stnd VIve, Try To Pressure Up On Stnd VIve Again, Pressure Up To 3,000 Psi, Let Hold Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, L/D 34- Jts N-80 Tbg, P/U & TIH W/- Weatherford Arrowset Pkr, SN, 118- Jts Tbg (J-55), R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For A Pad, Drop Stnd Vlve, Try To Pressure Up, No Test, R/U Sandline, RIH Try To Seat Stnd Vlve, Re-try To Pressure Up On Tbg, No Test, R/U Sandline, Fish Stnd VIve, Drop Another Stnd VIve, Try To Pressure Up Again, No Test, RIH W/- Sandline, Try To Seat Stnd VIve, POOH W/- Sandline, Try To Pressure Sundry Number: 37624 API Well Number: 43013333420000
Summary Rig Activity
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Up Again, No Test, POOH W/- 118- Jts Tbg, SN, Pkr, Stnd VIve Was Not In The SN, Replace SN, Start To TIH W/- Tbg, Found Stnd VIve Stuck In The 4th Jt Above SN, Jt Was Crimped. L/D Jt, P/U Another Jt Tbq, TIH W/- Tbq, Drop Another Stnd Vlve, Try To Pressure Up On Tbq, No Test, RIH W/- Sandline To Seat Stnd Vlve, Try To Pressure Up On Stnd Vlve Again, Pressure Up To 3,000 Psi, Let Hold Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, L/D 34- Jts N-80 Tbg, P/U & TIH W/-Weatherford Arrowset Pkr, SN, 118- Jts Tbg (J-55), R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For A Pad, Drop Stnd Vive, Try To Pressure Up, No Test, R/U Sandline, RIH Try To Seat Stnd Vive, Re-try To Pressure Up On Tbq, No Test, R/U Sandline, Fish Stnd Vlve, Drop Another Stnd Vlve, Try To Pressure Up Again, No Test, RIH W/- Sandline, Try To Seat Stnd Vlve, POOH W/-Sandline, Try To Pressure Up Again, No Test, POOH W/- 118- Jts Tbg, SN, Pkr, Stnd VIve Was Not In The SN, Replace SN, Start To TIH W/- Tbg, Found Stnd Vlve Stuck In The 4th Jt Above SN, Jt Was Crimped, L/D Jt, P/U Another Jt Tbg, TIH W/- Tbg, Drop Another Stnd Vlve, Try To Pressure Up On Tbg, No Test, RIH W/- Sandline To Seat Stnd Vlve, Try To Pressure Up On Stnd VIve Again, Pressure Up To 3,000 Psi, Let Hold Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$68,409

5/9/2012 Day: 5 Conversion

NC #2 on 5/9/2012 - Get Final Test On Tbg, Set Pkr, Pressure Test Csg - 5:30 To 6:00 AM C/TrvI, 6:00 AM OWU, Pressure Bled Off 200 Psi Over Night, R/U H/Oiler To Tbg, Pressure Back Up To 3,000 Psi, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd Vlve, R/D Sandline, R/D Wetaherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, R/U H/Oiler To Csg, Fill & Test To 1,500 Psi, Hold For 30 Min, Pressure Bled Off 150 Psi, Bump Back Up, Hold For 30 Min, Pressure Bled Off 75 Psi, Bump Back Up, Hold Pressure For 1 Hr Solid, Good Test, R/D NC #2, Well Ready For MIT. - 5:30 To 6:00 AM C/TrvI, 6:00 AM OWU, Pressure Bled Off 200 Psi Over Night, R/U H/Oiler To Tbg, Pressure Back Up To 3,000 Psi, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd Vlve, R/D Sandline, R/D Wetaherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, R/U H/Oiler To Csg, Fill & Test To 1,500 Psi, Hold For 30 Min, Pressure Bled Off 150 Psi, Bump Back Up, Hold For 30 Min, Pressure Bled Off 75 Psi, Bump Back Up, Hold Pressure For 1 Hr Solid, Good Test, R/D NC #2, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off 200 Psi Over Night, R/U H/Oiler To Tbg, Pressure Back Up To 3,000 Psi, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd VIve, R/D Sandline, R/D Wetaherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, R/U H/Oiler To Csg, Fill & Test To 1,500 Psi, Hold For 30 Min, Pressure Bled Off 150 Psi, Bump Back Up, Hold For 30 Min, Pressure Bled Off 75 Psi, Bump Back Up, Hold Pressure For 1 Hr Solid, Good Test, R/D NC #2, Well Ready For MIT.

Daily Cost: \$0

Cumulative Cost: \$161,154

5/23/2012 Day: 6

Conversion

Rigless on 5/23/2012 - Conduct initial MIT - On 05/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1030 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1300 psig during the test. There was not a State representative available to witness the test. - On 05/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1030 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure

Sundry Number: 37624 API Well Number: 43013333420000 Summary Rig Activity

Page 4 of 4

was 1300 psig during the test. There was not a State representative available to witness the test. - On 05/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1030 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1300 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$192,974

Pertinent Files: Go to File List

Sundry Number: 37736 API Well Number: 43013333420000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR				FORM 9
ı	5.LEASE DESIGN UTU-15855	ATION AND SERIAL NUMBER:			
SUNDR	6. IF INDIAN, ALI	OTTEE OR TRIBE NAME:			
Do not use this form for pro current bottom-hole depth, I FOR PERMIT TO DRILL form	posals to drill new wells, significantly reenter plugged wells, or to drill horiz n for such proposals.	en existing wells below aterals. Use APPLICATION	7.UNIT or CA AG GMBU (GRRV)	REEMENT NAME:	
1. TYPE OF WELL Water Injection Well	8. WELL NAME a FEDERAL 13-				
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY			9. API NUMBER: 43013333420	000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT,	, 84052 435 646-482		NE NUMBER:	9. FIELD and PO MONUMENT B	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0684 FSL 0423 FWL			COUNTY: DUCHESNE		
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWSW Section: 2	HP, RANGE, MERIDIAN: 24 Township: 09.0S Range: 16.0E Mer	ridian: \$	3	STATE: UTAH	
11. CHECH	K APPROPRIATE BOXES TO INDICA	ATE NA	ATURE OF NOTICE, REPOR	T, OR OTHER I	DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE	Па	LTER CASING	CASING R	EPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	С	HANGE TUBING	CHANGE	WELL NAME
Approximate date work will start:	✓ CHANGE WELL STATUS	☐ c	OMMINGLE PRODUCING FORMATIONS	✓ CONVERT	WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN		RACTURE TREAT	□ NEW CON	STRUCTION
5/8/2013	OPERATOR CHANGE		LUG AND ABANDON	PLUG BAC	
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME		ECLAMATION OF WELL SITE		ETE DIFFERENT FORMATION
	REPERFORATE CURRENT FORMATION	∟ sı	DETRACK TO REPAIR WELL	☐ TEMPORA	RY ABANDON
DRILLING REPORT	L TUBING REPAIR	∐ VE	ENT OR FLARE	☐ WATER DI	SPOSAL
Report Date:	WATER SHUTOFF	□ sı	TA STATUS EXTENSION	☐ APD EXTE	INSION
	WILDCAT WELL DETERMINATION	□ o	THER	OTHER:	
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show	v all per	tinent details including dates, d	epths, volumes, e	tc.
The above ref	erence well was put on inje 05/08/2013.	ction	at 3:30 PM on	Utah	pted by the Division of as and Mining
				Date: May	23. 2013
				By:	2000
				-	
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUM 435 646-4874	BER	TITLE Water Services Technician		
SIGNATURE N/A			DATE 5/8/2013		

Sundry Number: 37736 API Well Number: 43013333420000

			T FORM
	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR		FORM 9
١	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855		
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for pro- current bottom-hole depth, FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)		
1. TYPE OF WELL Water Injection Well	and the second s		8. WELL NAME and NUMBER: FEDERAL 13-24-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	9. API NUMBER: 43013333420000		
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	, 84052 435 646-482	PHONE NUMBER: 5 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0684 FSL 0423 FWL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSI	<mark>HP, RANGE, MERIDIAN:</mark> 24 Township: 09.0S Range: 16.0E Meri	dian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
☐ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	✓ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
5/8/2013	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT			
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
	COMPLETED OPERATIONS. Clearly show		
The above ref	erence well was put on inject 05/08/2013.	tion at 3:30 PM on	Accepted by the Utah Division of Oil, Gas and Mining
		•	Date: May 23, 2013
			Date: 100 cut 110
			By:
NAME (DI CACE DOINT)	BUOME MUME	BER TITLE	shires of the second se
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUME 435 646-4874	Water Services Technician	
SIGNATURE N/A	and the state of t	DATE 5/8/2013	

FEDERAL 13-24-9-16

Spud Date: 11/6/07 Put on Production: 2/5/08 GL: 5656' KB: 5668'

Injection Wellbore

Cement Top@ 92

SURFACE CASING

CSG SIZE: 8-5/8" GRADE J-55 WEIGHT: 24#

LENGTH 7 jts. (302.73') DEPTH LANDED: 314.58' HOLE SIZE: 12-1/4"

CEMENT DATA 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2' GRADE: J-55 WEIGHT: 15.5#

LENGTH: 132 its. (5661.02')

HOLE SIZE: 7-7/8" DEPTH LANDED: 5674,27'

CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 92'

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5# NO OF JOINTS 118 jts (3727') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 3739' KB PACKER @: 3743.4' TOTAL STRING LENGTH: EOT @ 3746 45'

Diagram Casing Shoe @ 315 Packer @ 3743° EOT @ 3746° 3808-3811 4509-4512' 4780-4798 4912-4922 PBTD @ 5635

TD @ 5700

FRAC JOB

1/30/08 4912-4922' Frac LODC sands as follows Frac with 19518# 20/40 sand in 315bbls Lightning 17 fluid Treat at 3001psi @ 23 2 BPM. ISIP 3269 psi. Frac A1 sands as follows: Frac with 102122# 20/40 sand in 772bbls 1/30/08 4780-47981 Lightning 17 fluid Treat at 2124 psi @ 23 3 BPM ISIP 3269psi

8/12/09 Pump Change Updated rod & tubing

Tubing leak. Updated rod and tubing 2/6/10

detail

05/07/12 4509-4512 Frac C sands as follows: Frac with 11769# 20/40 sand in 154 bbls Lightning

17 fluid

05/07/12 3808-3811' Frac GB2 sands as follows:

Frac with 19313# 20/40 sand in 262 bbls Lightning 17 fluid

05/09/12 Convert to Injection Well

05/15/12 Conversion MIT Finalized - update tbg

PERFORATION RECORD

4780-4798' 4 ISPF 72 holes 4912-4922' 4 JSPF 40 holes 05/04/12 4509-4512' 3 JSPF 9 holes 05/04/12 3808-3811' 3 JSPF 9 holes



Federal 13-24-9-16 684' FSL & 423' FWL SWSW Section 24-T9S-R16E Duchesne Co. Utah API #43-013-33342; Lease #UTU-15855



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-387

Operator:

Newfield Production Company

Well:

Federal 13-24-9-16

Location:

Section 24, Township 9 South, Range 16 East

County:

Duchesne

API No.:

43-013-33342

Well Type:

Enhanced Recovery (waterflood)

Stipulations of Permit Approval

- 1. Approval for conversion to Injection Well issued on March 20, 2012.
- 2. Maximum Allowable Injection Pressure: 2,000 psig
- 3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
- 4. Injection Interval: Green River Formation (3,732' 5,635')
- 5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

John Rogers

Associate Director

Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency

Bureau of Land Management, Vernal

Eric Sundberg, Newfield Production Company, Denver

Newfield Production Company, Myton

Duchesne County

Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



Sundry Number: 26047 API Well Number: 43013333420000

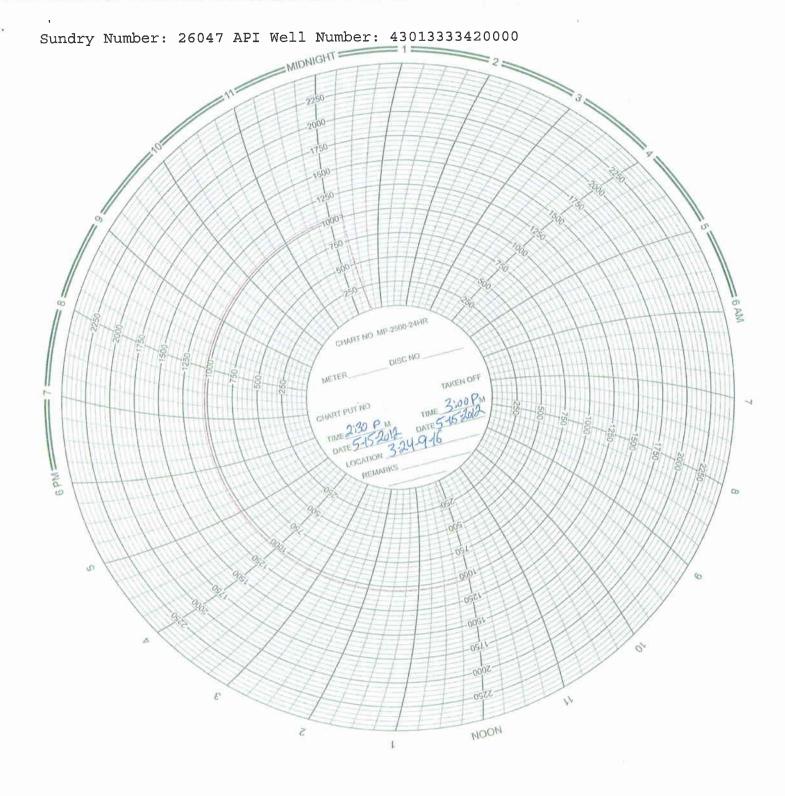
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)		
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 13-24-9-16		
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	9. API NUMBER: 43013333420000		
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT	, 84052 435 646-4825	PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE:	representation de la company de la compa		COUNTY: DUCHESNE
0684 FSL 0423 FWL QTR/QTR, SECTION, TOWNSI Qtr/Qtr: SWSW Section:	tip, range, Meridian: 24 Township: 09.0S Range: 16.0E Merid	lian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
The subject well he injection well on 0 State of Utah DOG above listed well. Opsig and charted for injecting during the	□ change to previous plans ✓ change well status □ deepen □ operator change □ production start or resume □ reperforate current formation □ tubing repair □ water shutoff □ wildcat well determination COMPLETED OPERATIONS. Clearly show a post of the converted from a post of the converted concerning on 05/15/2012. On 05/10/2012 on 05/15/2012 the casing ware 30 minutes with no pressure test. The tubing pressure wat a State representative available.	roducing oil well to an Chris Jensen with the game the initial MIT on the spressured up to 1030 e loss. The well was not as 1300 psig during the	Accepted by the Utah Division of Oil, Gas and Mining Date: June 04, 2012
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMB 435 646-4874	ER TITLE Water Services Technician	
SIGNATURE N/A		DATE 5/25/2012	aprantonen eskentinaparenti variatetako takiako arabentako arabentako erabetako erabetako erabetako erabetako e

Sundry Number: 26047 API Well Number: 43013333420000

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Well: Federal	Field: Monv	ment Butte	
Well Location: \3-24\-9-15	API No: 4301333342		
Well Location: 13 & 7 (15	11 110 10 10 10 1N		
<u>Time</u>	Casing Pressure		
0 min	1030	psig	
5	10.20	psig	
10	1030	psig	
15	1030	psig	
20	1030	psig	
25	1030	psig	
30 min	1030	psig	
35		, psig	
40		psig	
45		- ^{psig}	
50		psig	
55		_ psig	
60 min		psig	
Tubing pressure:	1300	psig	
Result:	Pass	Fail	



Daily Activity Report

Format For Sundry FEDERAL 13-24-9-16 3/1/2012 To 7/30/2012

5/3/2012 Day: 1

Conversion

NC #2 on 5/3/2012 - MIRUSU, L/D Rods On Float, R/D Wellhead, R/U BOPS, Tag Fill, POOH W/- Tbg, Breaking & Dopeing Collars - Move From The Pomco Federal 1-18-9-17 To Th Lone Tree Federal 13-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Try To Pressure Test Tbg To 3,000 Psi, H/Oiler Pmp 35 Bbls Wtr, Tbg Vol Is Only 29 Bbls, Suspected Hole In The Tbg, L/D 1- 2' x 3/4" Pony Sub (On Top Of Polished Rod), 1 1/2" x 26' Polished Rod, 1- 4' x 3/4" Pony Sub, 2-8' x 3/4" Pony Subs, 98-3/4" Guided Rods, 49-3/4" Plain Rods (15 Are E Grade), 40-3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars (3 Are E Grade), Rod Pmp, Flush Rods W/- 30 Bbls Wtr On TOH, Bttm 20 Rods & Wt Bars Had Scale On Them, Pull Rod Was Pencil Thin & Pmp Screen Was covered In Scale, X - Over For Tbg, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 20- Jts Tbg, Tag Fill @5572', No New Fill On PBTD, L/D 20- Jts Tbg, POOH W/- 40- Jts Tbg, Breaking & Dopeing Every Collar, SWI, CSDFN @ 8:30 PM, 8:30 To 9:00 PM C/Trvl. - Move From The Pomco Federal 1-18-9-17 To Th Lone Tree Federal 13-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Try To Pressure Test Tbg To 3,000 Psi, H/Oiler Pmp 35 Bbls Wtr, Tbg Vol Is Only 29 Bbls, Suspected Hole In The Tbg, L/D 1- 2' x 3/4" Pony Sub (On Top Of Polished Rod), 1 1/2" x 26' Polished Rod, 1-4' x 3/4" Pony Sub, 2-8' x 3/4" Pony Subs, 98-3/4" Guided Rods, 49-3/4" Plain Rods (15 Are E Grade), 40-3/4" Guided Rods, 6-1 1/2" x 25' Wt Bars (3 Are E Grade), Rod Pmp, Flush Rods W/- 30 Bbls Wtr On TOH, Bttm 20 Rods & Wt Bars Had Scale On Them, Pull Rod Was Pencil Thin & Pmp Screen Was covered In Scale, X - Over For Tbg, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 20- Jts Tbg, Tag Fill @5572', No New Fill On PBTD, L/D 20- Jts Tbg, POOH W/- 40- Jts Tbg, Breaking & Dopeing Every Collar, SWI, CSDFN @ 8:30 PM, 8:30 To 9:00 PM C/Trvl. Move From The Pomco Federal 1-18-9-17 To Th Lone Tree Federal 13-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Try To Pressure Test Tbg To 3,000 Psi, H/Oiler Pmp 35 Bbls Wtr, Tbg Vol Is Only 29 Bbls, Suspected Hole In The Tbg, L/D 1- 2' x 3/4" Pony Sub (On Top Of Polished Rod), 1 1/2" x 26' Polished Rod, 1-4" x 3/4" Pony Sub, 2-8" x 3/4" Pony Subs, 98-3/4" Guided Rods, 49 -3/4" Plain Rods (15 Are E Grade), 40-3/4" Guided Rods, 6-1 1/2" x 25' Wt Bars (3 Are E Grade), Rod Pmp, Flush Rods W/- 30 Bbls Wtr On TOH, Bttm 20 Rods & Wt Bars Had Scale On Them, Pull Rod Was Pencil Thin & Pmp Screen Was covered In Scale, X - Over For Tbg, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 20 - Jts Tbg, Tag Fill @5572', No New Fill On PBTD, L/D 20- Jts Tbg, POOH W/- 40- Jts Tbg, Breaking & Dopeing Every Collar, SWI, CSDFN @ 8:30 PM, 8:30 To 9:00 PM C/Trvl. Finalized

Daily Cost: \$0

Cumulative Cost: \$8,731

5/4/2012 Day: 2

Conversion

NC #2 on 5/4/2012 - Finish Breaking & Dopeing, Perf Zones, P/U N-80 Tbg W/- Pkr & Plg - 5:30 Tp 6:00 AM C/TrvI, 6:00 AM OWU, POOH W/- 78 Jts Tbg Breaking & Dopeing Collars, R/U The Perforators Wireline, RIH & Shoot C-Sands & GB-2 Zones, Shoot C- Sands @ 4509' - 4512', GB-2 @ 3808' - 3811', R/D Wireline, P/U & TIH W/- Plg & Pkr, 145- Jts Tbg (N-80), Set Plg @ 4575', POOH W/- 3- Jts Tbg, Let Hang, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/TrvI. - 5:30 Tp 6:00 AM C/TrvI, 6:00 AM OWU, POOH W/- 78 Jts Tbg Breaking & Dopeing Collars, R/U The Perforators Wireline, RIH & Shoot C-Sands & GB-2 Zones, Shoot C- Sands @ 4509' - 4512', GB-2 @ 3808' - 3811', R/D Wireline, P/U & TIH W/- Plg & Pkr, 145- Jts Tbg (N-

80), Set Plg @ 4575', POOH W/- 3- Jts Tbg, Let Hang, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 78 Jts Tbg Breaking & Dopeing Collars, R/U The Perforators Wireline, RIH & Shoot C-Sands & GB-2 Zones, Shoot C-Sands @ 4509' - 4512', GB-2 @ 3808' - 3811', R/D Wireline, P/U & TIH W/- Plg & Pkr, 145-Jts Tbg (N-80), Set Plg @ 4575', POOH W/- 3- Jts Tbg, Let Hang, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. Finalized

Daily Cost: \$0

Cumulative Cost: \$18,366

5/7/2012 Day: 3

Conversion

NC #2 on 5/7/2012 - Frac Well, Flow Back, L/D N-80 Tbg - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, Set Pkr, R/U Baker Hughes, Frac C-Sands Zone, Flow Bac Flow Back For Approx. 24 Min, Release Pkr, TIH W/- 3- Jts Tbg, Circ Top Of Plg Clean, Latch Onto & Release Plg, POOH W/- 23- Jts Tbg, Set Plg @ 3849', POOH W/- 2- Jts Tbg, Set Pkr @ 3776', R/U Baker Hughes, Frac GB-2 Zone, Flow Back For Approx. 30 Min, Release Pkr, TIH W/- 2 Jts Tbg, Circ. Plg Clean, Latch Onto Plg, Release & Start To POOH & L/D N-80 Tbg, Tbg Started To Come Dirty, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Proceed To L/D N-80 Tbg, Left 34 Jts Tbg In The Hole, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, Set Pkr, R/U Baker Hughes, Frac C-Sands Zone, Flow Bac Flow Back For Approx. 24 Min, Release Pkr, TIH W/- 3- Jts Tbg, Circ Top Of Plg Clean, Latch Onto & Release Plg, POOH W/-23- Its Tbg, Set Plg @ 3849', POOH W/- 2- Its Tbg, Set Pkr @ 3776', R/U Baker Hughes, Frac GB-2 Zone, Flow Back For Approx. 30 Min, Release Pkr, TIH W/- 2 Jts Tbg, Circ. Plg Clean, Latch Onto Plg, Release & Start To POOH & L/D N-80 Tbg, Tbg Started To Come Dirty, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Proceed To L/D N-80 Tbg, Left 34 Jts Tbg In The Hole, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, Set Pkr, R/U Baker Hughes, Frac C-Sands Zone, Flow Bac Flow Back For Approx. 24 Min, Release Pkr, TIH W/- 3- Its Tbg, Circ Top Of Plg Clean, Latch Onto & Release Plg, POOH W/- 23- Its Tbg, Set Plg @ 3849', POOH W/- 2- Jts Tbg, Set Pkr @ 3776', R/U Baker Hughes, Frac GB-2 Zone, Flow Back For Approx. 30 Min, Release Pkr, TIH W/- 2 Jts Tbg, Circ. Plg Clean, Latch Onto Plg, Release & Start To POOH & L/D N-80 Tbg, Tbg Started To Come Dirty, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Proceed To L/D N-80 Tbg, Left 34 Jts Tbg In The Hole, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$59,425

5/8/2012 Day: 4

Conversion

NC #2 on 5/8/2012 - TTH W/ Thg & Pkr, Pressure Test Tbg - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, L/D 34- Its N-80 Tbg, P/U & TIH W/- Weatherford Arrowset Pkr, SN, 118- Its Tbq (J-55), R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For A Pad, Drop Stnd Vive, Try To Pressure Up, No Test, R/U Sandline, RIH Try To Seat Stnd VIve, Re-try To Pressure Up On Tbg, No Test, R/U Sandline, Fish Stnd Vive, Drop Another Stnd Vive, Try To Pressure Up Again, No Test, RIH W/- Sandline, Try To Seat Stnd Vive, POOH W/- Sandline, Try To Pressure Up Again, No Test, POOH W/- 118- Jts Tbg, SN, Pkr, Stnd VIve Was Not In The SN, Replace SN, Start To TIH W/-Tbg, Found Stnd Vive Stuck In The 4th Jt Above SN, Jt Was Crimped, L/D Jt, P/U Another Jt Tbg, TIH W/- Tbg, Drop Another Stnd VIve, Try To Pressure Up On Tbg, No Test, RIH W/-Sandline To Seat Stnd VIve, Try To Pressure Up On Stnd VIve Again, Pressure Up To 3,000 Psi, Let Hold Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, L/D 34- Its N-80 Tbg, P/U & TIH W/- Weatherford Arrowset Pkr, SN, 118- Jts Tbg (J-55), R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For A Pad, Drop Stnd Vlve, Try To Pressure Up, No Test, R/U Sandline, RIH Try To Seat Stnd VIve, Re-try To Pressure Up On Tbg, No Test, R/U Sandline, Fish Stnd VIve, Drop Another Stnd VIve, Try To Pressure Up Again, No Test, RTH W/- Sandline, Try To Seat Stnd VIve, POOH W/- Sandline, Try To Pressure Sundry Number: 26047 API Well Number: 43013333420000 Summary Rig Activity

Up Again, No Test, POOH W/- 118- Jts Tbg, SN, Pkr, Stnd VIve Was Not In The SN, Replace SN, Start To TIH W/- Tbg, Found Stnd Vive Stuck In The 4th Jt Above SN, Jt Was Crimped, L/D Jt, P/U Another Jt Tbg, TIH W/- Tbg, Drop Another Stnd VIve, Try To Pressure Up On Tbg, No Test, RIH W/- Sandline To Seat Stnd Vive, Try To Pressure Up On Stnd Vive Again, Pressure Up To 3.000 Psi, Let Hold Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, L/D 34- Jts N-80 Tbg, P/U & TIH W/-Weatherford Arrowset Pkr, SN, 118- Jts Tbg (J-55), R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For A Pad, Drop Stnd Vive, Try To Pressure Up, No Test, R/U Sandline, RIH Try To Seat Stnd Vive, Re-try To Pressure Up On Tbg, No Test, R/U Sandline, Fish Stnd Vive, Drop Another Stnd Vive, Try To Pressure Up Again, No Test, RIH W/- Sandline, Try To Seat Stnd Vive, POOH W/-Sandline, Try To Pressure Up Again, No Test, POOH W/- 118- Jts Tbg, SN, Pkr, Stnd Vive Was Not In The SN, Replace SN, Start To TIH W/- Tbg, Found Stnd VIve Stuck In The 4th Jt Above SN, Jt Was Crimped, L/D Jt, P/U Another Jt Tbg, TIH W/- Tbg, Drop Another Stnd VIve, Try To Pressure Up On Tbg, No Test, RIH W/- Sandline To Seat Stnd Vive, Try To Pressure Up On Stnd VIve Again, Pressure Up To 3,000 Psi, Let Hold Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$68,409

5/9/2012 Day: 5

Conversion

NC #2 on 5/9/2012 - Get Final Test On Tbg, Set Pkr, Pressure Test Csg - 5:30 To 6:00 AM C/TrvI, 6:00 AM OWU, Pressure Bled Off 200 Psi Over Night, R/U H/Oiler To Tbg, Pressure Back Up To 3,000 Psi, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd VIve, R/D Sandline, R/D Wetaherford BOPS, R/U Injection Tree, R/U H/Oiler To Csq Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, R/U H/Oiler To Csg, Fill & Test To 1,500 Psi, Hold For 30 Min, Pressure Bled Off 150 Psi, Bump Back Up, Hold For 30 Min, Pressure Bled Off 75 Psi, Bump Back Up, Hold Pressure For 1 Hr Solid, Good Test, R/D NC #2, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off 200 Psi Over Night, R/U H/Oiler To Tbg, Pressure Back Up To 3,000 Psi, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd Vive, R/D Sandline, R/D Wetaherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, R/U H/Oiler To Csg, Fill & Test To 1,500 Psi, Hold For 30 Min, Pressure Bled Off 150 Psi, Bump Back Up, Hold For 30 Min, Pressure Bled Off 75 Psi, Bump Back Up, Hold Pressure For 1 Hr Solid, Good Test, R/D NC #2, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off 200 Psi Over Night, R/U H/Oiler To Tbg, Pressure Back Up To 3,000 Psi, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd VIve, R/D Sandline, R/D Wetaherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, R/U H/Oiler To Csg, Fill & Test To 1,500 Psi, Hold For 30 Min, Pressure Bled Off 150 Psi, Bump Back Up, Hold For 30 Min, Pressure Bled Off 75 Psi, Bump Back Up, Hold Pressure For 1 Hr Solid, Good Test, R/D NC #2, Well Ready For MIT.

Daily Cost: \$0

Cumulative Cost: \$161,154

5/23/2012 Day: 6

Conversion

Rigless on 5/23/2012 - Conduct initial MTT - On 05/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1030 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1300 psig during the test. There was not a State representative available to witness the test. On 05/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1030 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure

was 1300 psig during the test. There was not a State representative available to witness the test. - On 05/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1030 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1300 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$192,974

Pertinent Files: Go to File List



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 20, 2012

Newfield Production Company 1001 Seventeenth Street, Suite 2000 Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 13-24-9-16, Section 24, Township 9 South, Range 16 East,

SLBM, Duchesne County, Utah, API Well # 43-013-33342

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.
- 4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
- 5. The top of the injection interval shall be limited to a depth no higher than 3,732 feet in the Federal 13-24-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

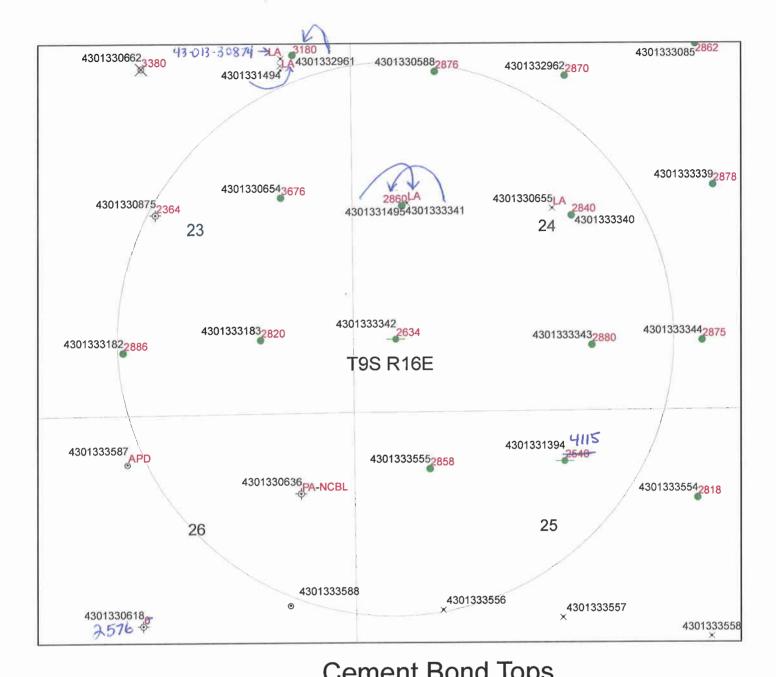
John Rogers Associate Director

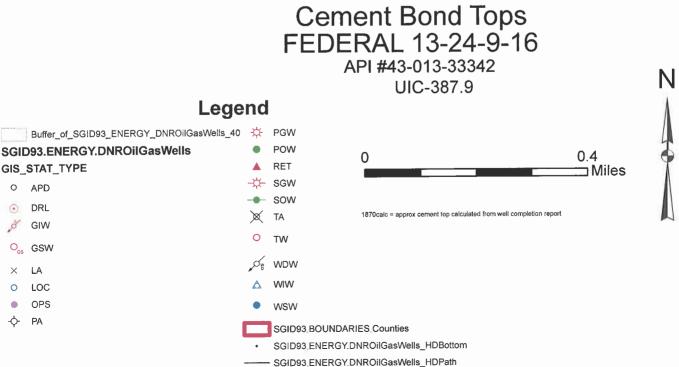
JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency Bureau of Land Management, Vernal Duchesne County Newfield Production Company, Myton Well File

N:\O&G Reviewed Docs\ChronFile\UIC







Wells-CbltopsMaster02_24_12

DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

Applicant: Newfield Production Company Well:	Federal 13-24-9-16
--	--------------------

Location: 24/9S/16E **API:** 43-013-33342

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 315 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,674 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,634 feet. A 2 7/8 inch tubing with a packer will be set at 4,730 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 8 producing wells, 2 P/A wells, and 2 shut-in wells (one of which is the proposed injection well) in the AOR. Most of the wells have evidence of adequate casing and cement for the proposed injection interval. However, the Federal 9-23-9-16 well (API# 43-013-30654), appears to have inadequate cement for the proposed injection interval. Its CBL (4/1/1983) indicates a cement top at about 3,676 feet. To protect this wellbore Newfield will not perforate the Federal 13-24-9-16 well above 3,732 feet (see Ground Water Protection).

Revision (8/10/2012): Injection approval for the Federal 13-24-9-16 well was issued on 6/5/2012 with a permitted injection interval of 3,732-5,635 feet. The Federal 21-25Y-9-16 well (API# 43-013-31394), located in the AOR approximately 0.4 mile southeast of the Federal 13-24 well, exhibits a good cement top at about 4,415 feet. There appear to be several hundred feet of "lite" cement above that depth. At the time of this revision (8/10/2012), the Federal 21-25Y well is being evaluated for conversion to an injection well. In order to confirm the integrity of "lite" cement in this well, a Radioactive Tracer Survey (RATS) will be required as a condition of conversion for the Federal 21-25Y well.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1900 feet. The requested injection interval is between 3,657 feet and 5,635 feet in the Green River Formation. However, as described in the previous paragraph, the top of good cement bond is at about 3,676 feet in the Federal 9-23-9-16

Federal 13-24-9-16 page 2

well, located in the AOR, approximately 1/3 mile north-northwest of Federal 13-24-9-16 well. This cement top correlates to a depth of approximately 3,632 feet in the Federal 13-24-9-16 well. For this reason, it is recommended that the top of the injection interval be permitted no higher than a depth of 3,732 feet in the Federal 13-24-9-16 well. Information submitted by Newfield indicates that the fracture gradient for the 13-24-9-16 well is 0.95 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,459 psig. The requested maximum pressure is 2,459 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date 2/24/2012 (revised 8/10/2012)



Deseret News

PROOF OF PUBLIC

CUSTOMER'S COPY

CUSTOMER NAME AND ADD	RESS. GAS & MINING	ACCOUNT NU	JMBER DATE
DIV OF OIL-GAS & MINING,	Or Orein	9001402	2/28/2012
1594 W NORTH TEMP #1210 P.O. BOX 145801	-		
SALT LAKE CITY, UT 84114			PUBLIC NOTICE BEFORE THE DIVISION OF OIL, GAS AND MINING
ACCOU	NT NAME		STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UC-387
DIV OF OIL-G	AS & MINING,		BEFORE THE DIVISION OF OIL, GAS AND MINING OPPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. U.C.387 IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODU TION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERT WALLS LOCATED IN SECTIONS 16, 18, 20, 22, AND TOWNSHIP 9 SOUTH, PANGE 16 EAST, DUCHESNE COUN UTAH, AS CLASS IN INJECTION WELLS. THE STATE OF UTAH TO ALL PRESONS INTERESTED IN TABOVE ENTITLED MATTER. NOTICE IN THE PROPERTY OF THE STATE OF UTAH TO ALL PRESONS INTERESTED IN TABOVE ENTITLED MATTER.
TELEPHONE	ADORDER# /	INVOICE NUMI	THE STATE OF UTAH TO ALL PERSONS INTERESTED IN ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and A
8015385340	0000770992		ABOVE EMILLED MATER. Notice is hereby given that the Division of Oil, Gas and Ming (the "Division") is commencing an informat adjudical proceeding to consider the application of Newfield Prod Iton Company for administrative approval of the follow wells located in Duchesne County, Utah, for conversion Class II Injection wells:
SCHE	DULE		Greater Monument Butte Unit: Castle Peak State 43-16 well located in NE/4 SE/4, Sect 16, Township 9 South, Range 16 East
Start 02/27/2012	End 02/27/2012	,	API 43-013-30594 West Point Federal 4A-18-9-16 well located in NW NW/4, Section 18, Township 9 South, Range 16 East API 43-013-33463 Federal 13-18-9-16 well located in SW/4 SW/4, Sect
CUST, 1	REF. NO.		18, Township 9 South, Range 16 East
UIC 387			Faderal 7-20-9-16 well located in SW/4 NE/4, Section Township 9 South, Ronge 16 East API 43-013-33106 Federal 11-20-9-16 well located in NE/4 SW/4, Section Township 9 South, Range 16 East API 43-013-32598
CAPTION			Federal 15-20-Y-16 well located in SW/4 SE/4, Section Township 9 South, Range 16 East
PUBLIC NOTICE BEFORE THE DIVISION OF	OIL, GAS AND MININ	IG DEPARTMEN	Federal 15-22-9-16 well located in SW/4 SE/4, Section Township 9 South, Ronge 16 East API 43-013-33167 Federal 9-24-9-16 well located in NE/4 SE/4, Section
S I	ZE		API 43-013-23338 Federol 13-24-9-16 well located in SW/4 SW/4, Sec 24, Township 9 South, Range 16 East
73 Lines	2.00 C	OLUMN	API 43-013-33342 The proceeding will be conducted in accordance with I Admin. R649-10, Administrative Procedures. Selected zones in the Green River formation will be used
TIMES		RATE	water injection. The maximum requested injection press and rates will be determined based on fracture gradient formation submitted by Newfield Production Company.
4			Any person desiring to object to the application or original intervenie in the proceeding, must file a written protest or tice of intervenion with the Division within fifteen days lowing publication of this notice. The Division's Presiding C
MISC. CHARGES	AD	CHARGES	Township 9 South, Ronge 16 East API 43-013-33167 Federal 9-24-9-16 well located in NE/4 5E/4, Section Township 9 South, Ronge 16 East API 43-013-33338 Federal 1-3-24-9-16 well located in SW/4 SW/4, Sec 24 Township 9 South, Ronge 16 East API 43-013-33342 The proceeding will be conducted in accordance with 1 Admin. Ro49-10, Administrative Procedures. Selected zones in the Green River Formation will be used water injection. The maximum requested injection press and rates will be determined based on fracture gradient formation submitted by NewField Production Company. Any person destinate to object to the application or other intervisite in the proceeding, must file a written protest or tice of intervention with the Division's Presiding C. Sec for the proceeding is Send till, Permitting Manager 9.0. Box 145801, Soil Lake City, UT 84114-3801, pr years of the proceeding will be scheduled in good rules. Protestants and/or Interveners should be prepare demonstrate of the hearing how this matter affects their levest.
	101	ALCOST	THES. Protestants analyse interveness and use prophets demonstrate at the hearing how this matter affects their lenests. STATE OF UTAH DIVISION OF OIL, GAS & MINING
		50.28	DIVISION OF OIL, GAS & MINING 5/ Brod Hill Permitting Manager UPA
AF	FIDAVIT OF PUBLICATION		
SPAPER AGENCY COMPANY, LLC dba MEDIAONE OF U	ITAH LEGAL BOOKER, I CE	RTIFY THAT THE AT	TTACHED ADVERTISEMENT OF
NOTICE BEFORE THE DIVISION OF OIL, GAS AND YACTION CAUSE NO. UIC-387 IN THE MATTER FOR	MINING DEPARTMENT O	F NATURAL RESOL	URCES STATE OF UTAH NOTICE OF
NY. LLC dba MEDIAONE OF UTAH, AGENT FOR THE SAI			

AS N <u>PUB</u> AGE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

Start 02/27/2012 02/27/2012 End VIRGINIA CRAFT Notary Public. State of Utah PUBLISHED ON Commission # 581469 My Commission Expires Januacy 12, 2014 **SIGNATURE**

2/28/2012

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION" PLEASE PAY FROM BILLING STATEMENT

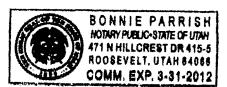
AFFIDAVIT OF PUBLICATION

County of Duchesne, STATE OF UTAH

Publisher

Subscribed and sworn to before me this

Jonice Parresh Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-387

BEFORE THE DIVI-SIONOFOIL, GASAND Permitting Manager SIONOFOIL GASATE
MINING, DEPARTMENT OF N -poor stemplation to young
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OF UTAH. --OF UTAH. ---Published in the Uintah Posin Standard February IN THE M/ THE APPLIC. PARILES Alback 0001 And beheld on Tuesday, March alguimdy 6, 2012, at 7-nn and 1 COUNTY releases her become au CLASS II live amountsemme viling MELLS. possessive viscositori ad THEST, agamen kewpeta pur sellent THEST, agame TO ALL I -pool pleivelle of Suidid TEREST PUB 'SAMAJOBAL 'SUISBQ be addressed with catch AAOBY drainage problems will all allaw Notice Buois sadosoudde vaw that the I whip pur sdure Buisson roadway reconstruction, ("uoisin, sidewalk with ADA street crossing ranner and draw and street crossing ranner and draw street with approximately ripessoud

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2012 Rolean Rowley, Mayor . Published in the Unitals ! Basin Standard February 5

Treasury, (Circular 570, latest edition).

Date: February 16,

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-387

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 18, 20, 22, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Castle Peak State 43-16 well located in NE/4 SE/4, Section 16, Township 9 South, Range 16 East API 43-013-30594

West Point Federal 4A-18-9-16 well located in NW/4 NW/4, Section 18, Township 9 South, Range 16 East API 43-013-33463

Federal 13-18-9-16 well located in SW/4 SW/4, Section 18, Township 9 South, Range 16 East API 43-013-32999

Federal 7-20-9-16 well located in SW/4 NE/4, Section 20, Township 9 South, Range 16 East API 43-013-33106

Federal 11-20-9-16 well located in NE/4 SW/4, Section 20, Township 9 South, Range 16 East API 43-013-32598

Federal 15-20-9-16 well located in SW/4 SE/4, Section 20, Township 9 South, Range 16 East API 43-013-33105

Federal 15-22-9-16 well located in SW/4 SE/4, Section 22, Township 9 South, Range 16 East API 43-013-33167

Federal 9-24-9-16 well located in NE/4 SE/4, Section 24, Township 9 South, Range 16 East API 43-013-33338

Federal 13-24-9-16 well located in SW/4 SW/4, Section 24, Township 9 South, Range 16 East API 43-013-33342

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of February, 2012.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

Brad Hill

Permitting Manager

Newfield Production Company

CASTLE PEAK STATE 43-16, WEST POINT FEDERAL 4A-18-9-16, FEDERAL 13-18-9-16, FEDERAL 7-20-9-16, FEDERAL 11-20-9-16, FEDERAL 15-20-9-16, FEDERAL 9-24-9-16, FEDERAL 13-24-9-16

Cause No. UIC-387

Publication Notices were sent to the following:

Newfield Production Company 1001 17th Street, Suite 2000 Denver, CO 80202

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066 via e-mail legals@ubstandard.com

Salt Lake Tribune P O Box 45838 Salt Lake City, UT 84145 via e-mail naclegal@mediaoneutah.com

Vernal Office Bureau of Land Management 170 South 500 East Vernal, UT 84078 Duchesne County Planning P O Box 317 Duchesne, UT 84021-0317

Bruce Suchomel US EPA Region 8 MS 8P-W-GW 1595 Wynkoop Street Denver, CO 80202-1129

SITLA 675 E 500 S Ste 500 Salt Lake City, UT 84102-2818

Newfield Production Company Rt 3 Box 3630 Myton, UT 84052

Jean Sweet



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 21, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-387

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Executive Secretary

Enclosure



From:

Cindy Kleinfelter <classifieds@ubstandard.com>

To: Date: <jsweet@utah.gov> 2/23/2012 12:02 PM

Subject:

Legal Notice

It will be published Feb. 28, 2012. Thank you. Cindy



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

February 21, 2012

VIA E-MAIL <u>naclegal@mediaoneutah.com</u>

Salt Lake Tribune P. O. Box 45838 Salt Lake City, UT 84145

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-387

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for account #9001402352 to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Executive Secretary

Enclosure



From:

"Stowe, Ken" <kstowe@mediaoneutah.com>

To:

<jsweet@utah.gov> 2/23/2012 12:36 PM

Date: Subject:

Proof for Public Notice

Attachments: OrderConf.pdf

AD# 770992

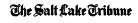
Run SL Trib & Des News 2/27/12

Cost \$250.28

Please advise of any changes or reply with OK to publish

Thank You

Ken







Order Confirmation for Ad #0000770992-01

Client

DIV OF OIL-GAS & MINING

Payor Customer

DIV OF OIL-GAS & MINING

Client Phone

801-538-5340

Payor Phone

801-538-5340

Account#

9001402352

Payor Account

9001402352

Address

1594 W NORTH TEMP #1210, P.O. BOX 145801 Payor Address SALT LAKE CITY, UT 84114 USA

1594 W NORTH TEMP #1210,P.O. BO)

SALT LAKE CITY, UT 84114

801-359-3940

Ordered By

Acct. Exec

EMail

Fax

earlenerussell@utah.gov

Jean

kstowe

Total Amount

\$250.28

Payment Amt

\$0.00

Tear Sheets

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Proofs

PO Number

Affidavits

Amount Due

\$250.28

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UIC 387

Payment Method

Confirmation Notes: Jean

Text:

Ad Type

Ad Size

Color

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Product

Placement

Legal Liner Notice - 0998

Position Public Meeting/Hear-ing Notices

Salt Lake Tribune:: Scheduled Date(s):

2/27/2012

Product

Deseret News::

Scheduled Date(s):

Placement Legal Liner Notice - 0998

2/27/2012

Product

<u>Placement</u>

sltrib.com:: Scheduled Date(s): Legal Liner Notice - 0998

Product

2/27/2012

utahlegals.com::

Scheduled Date(s):

<u>Placement</u> utahlegals.com

2/27/2012

Position

Public Meeting/Hear-ing Notices

Public Meeting/Hear-ing Notices

Position

utahlegals.com

Ad Content Proof Actual Size

PUBLIC NOTICE

PUBLIC NOTICE

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF ACENCY ACTION CAUSE NO. UK-387

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 18, 20, 22, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INIVECTION WELLS. THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commending an informal adjudicative proceeding to consider the application of NewField Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells: Greater Manument Burte Unit. Custile Peak State 43-16 well located in NE/4 SE/4, Section 10, Township 9 South, Range 16 East API 43-013-330594
West Point Federal AA-18-9-16 well located in NW/4 NW/4, Section 18, Township 9 South, Range 16 East API 43-013-33999
Federal 73-20-9-16 well located in SW/4 NE/4, Section 20, Iownship 9 South, Range 16 East API 43-013-33165
Federal 13-22-9-16 well located in SW/4 SE/4, Section 20, Iownship 9 South, Range 16 East API 43-013-33150
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Federal 13-24-9-16 well located in SW/4 SE/4, Section 24, Iownship 9 South, Range 16 East API 43-013-33338
Federal 13-24-9-16 well located in OCCATAL SW/4, Section 24, Iownship 9 South, Range 16 East API 43-013-

24, Township 9 South, Range 16 East
API 43-013-33342
The proceeding will be conducted in accordance with Utah
Admin, Rob-9-10, Adminstrative Procedures.
Selected zones in the Green River Formation will be used for
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P.O. Box 1 45801, Soit Lake City, UT 84114-5801, phone
number (801) 538-5340. If such a protest or notice of intervertion is received, a hearing will be scheduled in accordance with the differentiation definishtrative procedural
rules. Protestants and/or interveners should be prepared to
demonstrate at the bearing how this matter affects their interests.

terests.

Darsed this 21st day of February, 2012.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/ Brod Hill

Permitting Manager 770992

UPAXIP





DIV. OF OIL, GAS & MINING

February 9, 2012

Mr. Mark Reinbold State of Utah Division of Oil, Gas and Mining 1594 W North Temple Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well

Federal #13-24-9-16

Monument Butte Field, Lease #UTU-15855

Section 24-Township 9S-Range 16E

Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #13-24-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg Regulatory Lead

NEWFIELD PRODUCTION COMPANY APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

FEDERAL #13-24-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #UTU-15855

FEBRUARY 9, 2012

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ATTACHMENT H-1

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

ADDRESS

APPLICATION FOR INJECTION WELL - UIC FORM 1

1001 17th Street, Suite 2000

Denver, Colorado 80202

OPERATOR Newfield Production Company

					-				
Well Name and nun	nber:	Federal #	13-24-9-16						
Field or Unit name:	Monument B	utte (Green	River)				Lease No.	UTU-158	55
Well Location: QQ	SWSW	section	24	township	98	_range	16E	county	Duchesne
Is this application fo	or expansion o	f an existin	g project?			Yes [X]	No []		
Will the proposed w	ell be used for	r:	Disposal'	d Recovery?		Yes[]	No [X]		
Is this application fo If this application is has a casing test Date of test: API number: 43-0	for an existing been performe	well,							
Proposed injection i Proposed maximum Proposed injection z mile of the well.	injection:	from rate [x] oil, [] (to I pressure 「] fresh wa	5635 2459 ater within	_ _psig 1/2			
	IMPORT	ANT:		al information ny this form.	as require	d by R615	-5-2 should		
List of Attachments:		Attachmer	nts "A" thro	ough "H-1"		<u>. </u>			
Title Reg	ort is true and Sundberg ulatory Lead 8) 893-0102	complete t	o the best	of my knowle Signature Date	edge.	for the second			
(State use only) Application approve Approval Date	d by					_Title -			
Comments:									

FEDERAL 13-24-9-16

Proposed Injection

Cement Top@ 923

Casing Shoe @ 315'

Spud Date: 11/6/07 Put on Production: 2/5/08 GL: 5656' KB: 5668'

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH: 7 jts. (302.73') DEPTH LANDED: 314,58' HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15,5#

LENGTH: 132 jts. (5661,02')

HOLE SIZE: 7-7/8" DEPTH LANDED: 5674,27'

CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 92'

SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 154 jts (4867_6') TUBING ANCHOR: 4879.6' NO OF JOINTS: 1 jts (30,3') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4912.7' KB NO. OF JOINTS: 2 jts (63.9')

TOTAL STRING LENGTH: EOT @ 4978'

Wellbore Diagram

FRAC JOB

1/30/08 4912-4922' Frac LODC sands as follows

Frac with 19518# 20/40 sand in 315bbls Lightning 17 fluid, Treat at 3001psi @

23 2 BPM, ISIP 3269 psi

1/30/08 4780-4798 Frac A1 sands as follows:

Frac with 102122# 20/40 sand in 772bbls Lightning 17 fluid. Treat at 2124 psi @ 23.3 BPM ISIP 3269psi

8/12/09

Pump Change. Updated rod & tubing

2/6/10

Tubing leak. Updated rod and tubing

detail



Federal 13-24-9-16 684' FSL & 423' FWL SWSW Section 24-T9S-R16E Duchesne Co, Utah API #43-013-33342; Lease #UTU-15855

PERFORATION RECORD 4780-4798' 4 JSPF 72 holes

4912-4922' 4 JSPF

40 holes

Packer @ 4730' 4780-4798'

PBTD @ 56351

4912-49221

WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
 - 2.1 The name and address of the operator of the project.

Newfield Production Company 1001 17th Street, Suite 2000 Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #13-24-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #13-24-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3657' - 5635'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3339' and the TD is at 5700'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Federal #13-24-9-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #UTU-15855) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24# surface casing run to 315' KB, and 5-1/2", 15.5# casing run from surface to 5674' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2459 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #13-24-9-16, for existing perforations (4780' - 4912') calculates at 0.95 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2459 psig. We may add additional perforations between 3339' and 5700'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #13-24-9-16, the proposed injection zone (3657' - 5635') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-9.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

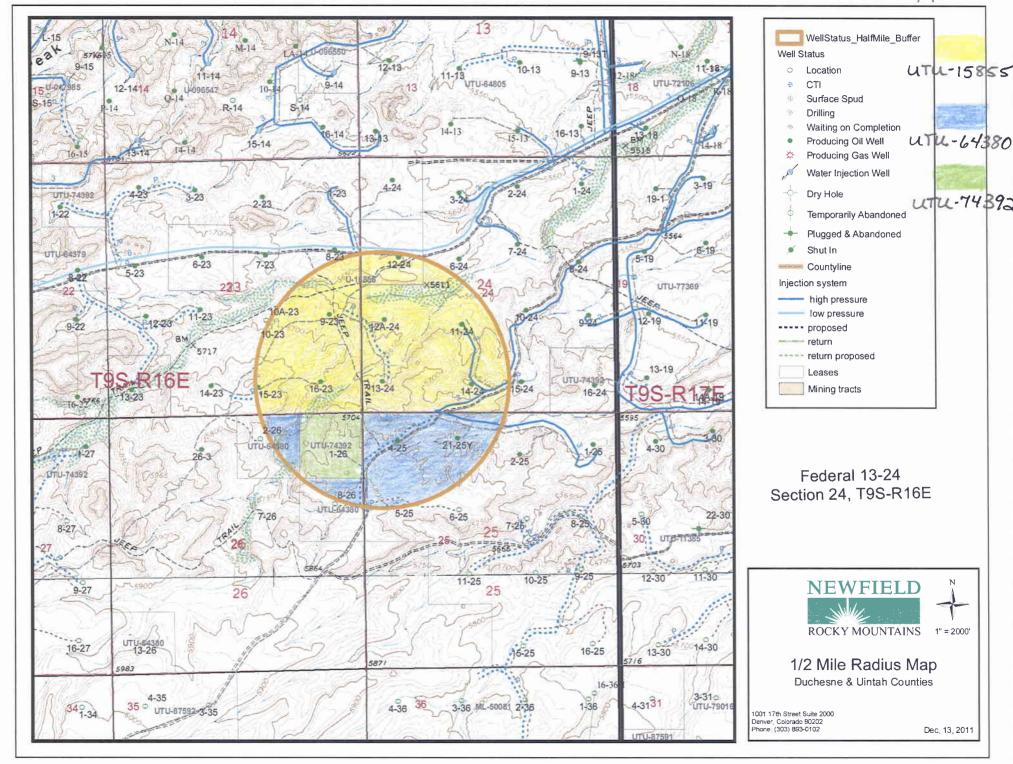
2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.

ATTACHMENT A



T9S, R16E, S.L.B.&M.

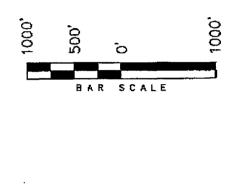
2663.56' (Measured) N89'58'W - 80.06 (G.L.O.) N89'58'W G.L.O. (Basis of Bearings) S89'59'14"W - 2629.02' (Meas.) Perpartioned Brass Cap Brass Cap (Not Set) W"12'07'00V WELL LOCATION: CASTLE PEAK 13-24-9-16 ELEV. UNGRADED GROUND = 5656.4 1910 Tri Slate Brass Cop Aluminum Cap NO.01 W Proposed See Detail DRILLING At Right MADON W" 40' 1 FOON Detail No Scale 1910 1910 Bross Cop Bross Cop N89'59'23"W - 2636.45' (Meas.) N89'57'11"W - 2649.84' (Meas.) 1910 Bross Cop N89'51'W - 80.10 (G.L.O.)

= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE) CASTLE PEAK 13-24-9-16 (Surface Location) NAD 83 LATITUDE = 40° 00' 39.71" LONGITUDE = 110° 04' 32.49"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, CASTLE PEAK 13-24-9-16, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 24, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PER WAS PREPARED FROM FIELD ROTE OF ACTUM SURVEYS MADE BY ME OR UNDER MY SUPERVISION OF THAT THE SAME ARE TRUM AND FORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF NO.189377

REGISTERED LANG SURVEYOR REGISTRATION NO. STATE OF STATE

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 5-12-06	SURVEYED BY: D.P.
DATE DRAWN: 06-19-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 23: E2, NW, E2SW, NWSW	UTU-15855	Newfield RMI LLC	
	Section 24: N2, SW, N2SE, SWSE	НВР	Bee Hive Oil LLC	
			Journey Properties LLC	
			King Oil & Gas of Texas LTD	
			Six Gold Oil LLC	
			Stone Energy Corp	
2	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 25: N2, NESW, SE	UTU-64380	Newfield RMI LLC	
	Section 26: NWNE, SENE, SWSW	НВР	Yates Petroleum Corp	
3	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 21: S2	UTU-74392	Newfield RMI LLC	
	Section 22: NENE, S2	НВР	ABO Petroleum Corp	
	Section 23: SWSW		MYCO Industries Inc	
	Section 24: SESE		OXY Y-1 Company	
	Section 26: NENE		Yates Petroleum Corp	
	Section 27: All			
	Section 28: All			

Federal 13-24 Page 1 of 1

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE:	Federal #13-24-9-16
	by certify that a copy of the injection application has been provided to all surface owners within a lf mile radius of the proposed injection well.
Signed	Newfield Production Company Eric Sundberg Regulatory Lead
Sworn	to and subscribed before me this 94h day of February, 2012.
Notary	Public in and for the State of Colorado: My Commission Expires My Commission Expires
M C .	ionical Eliminary 02/10/2013

My Commission Expires:_





Frac LODC sands as follows

Frac A1 sands as follows: Frac with 102122# 20/40 sand in 772bbls

23.3 BPM. ISIP 3269psi.

Frac with 19518# 20/40 sand in 315bbls

Lightning 17 fluid. Treat at 3001psi @ 23.2 BPM, ISIP 3269 psi

Lightning 17 fluid. Treat at 2124 psi @

Pump Change. Updated rod & tubing

Tubing leak Updated rod and tubing

FRAC JOB

8/12/09

2/6/10

4912-4922'

1/30/08 4780-4798

FEDERAL 13-24-9-16

Spud Date: 11/6/07 Put on Production: 2/5/08 GL: 5656' KB: 5668'

Wellbore Diagram

Cement Top@ 92'

Casing Shoe @ 315'

SN @ 4913'

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH: 7 jts. (302.73') DEPTH LANDED: 314.58'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 132 jts. (5661,02') HOLE SIZE: 7-7/8" DEPTH LANDED: 5674.27'

CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ

CEMENT TOP AT: 92'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6,5#
NO. OF JOINTS: 154 jts (4867.6')
TUBING ANCHOR: 4879.6'
NO. OF JOINTS: 1 jts (30,3')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4912.7' KB
NO. OF JOINTS: 2 jts (63,9')
TOTAL STRING LENGTH: EOT @ 4978'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod

SUCKER RODS: 1-2' x ¾" pony rods, 2- 16' x ¾" pony rods, 98- ¾" scrapered rods, 50- ¾" plain rods, 41- ¾" scrapered rods, 6- 1 ½" weight bars

PUMP SIZE: 2-1/2" x 1-1/2" x16'X 20' RHAC

LENGTH: 102"
PUMP SPEED, SPM: 5

4780-4798' Anchor @ 4880' 4912-4922' 4912-4922' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798'

EOT @ 4978'

PBTD @ 5635'

TD @ 5700'

NEWFIELD

Federal 13-24-9-16

684' FSL & 423' FWL SWSW Section 24-T9S-R16E Duchesne Co, Utah API #43-013-33342; Lease #UTU-15855

FEDERAL 15-23-9-16

Spud Date: 11/26/07 Put on Production: 3/14/08

GL: 5784' KB: 5796'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH 7 jts. (310-15')
DEPTH LANDED 322-00" KB

HOLE SIZE 12-1/4

CEMENT DATA 1- 160 sxs Class "G" cmt_est 5 bbls cmt to surf

FRAC JOB

03/11/08 4597-4606

03/11/08 3956-3969

01/07/08 5345-5368' Frac CP2 sands as follows:
73000# 20/40 sand in 603 bbls Lightning 17
frac fluid. Treated @ avg press of 1939 psi
w/avg rate of 23 2 BPM. ISIP 2177 psi

03/11/08 5006-5014' Frac LODC sands as follows:

40149# 20/40 sand in 417 bbl Lightning 17 frac fluid. Treated @ avg press of 2660 psi w/avg rate of 26.2 BPM. ISIP 3080 psi. Frac C. sands as follows:

15394# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 2078 psi w/avg rate of 23.3 BPM. ISIP 2078 psi. Frac GB6 sands as follows:

79237# 20/40 sand in 602 bbls Lightning 17 frac fluid, Treated @ avg press of 1468 psi w/avg rate of 26.2 BPM, ISIP 1460 psi

03/11/08 3867-3906'

Frac GB4 & GB2 sands as follows: 25572# 20/40 sand in 325 bbls Lightning 17 frac fluid, Treated @ avg press of 1710 psi w/avg rate of 25.9 BPM. ISIP 1585 psi.

12/30/08

3867-3873

3897-3906

3956-3969

4597-4606

Anchor @ 4988'

5006-5014

EOT @ 5087'
PBTD @ 5300'
CIBP @ 5300'

5345-5368' SHOE @ 5793'

TD @ 5800'

Parted rods Updated r & t details

Tubing Leak Updated R & T details

PRODUCTION CASING

CSG SIZE: 5-1/2[†] GRADE: J-55 WEIGHT: 15.5#

LENGTH 136 jts (5779 63') DEPTH LANDED 5792 88 KB

HOLE SIZE 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ

CEMENT TOP: 156

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6 5#

NO. OF JOINTS 158 jts (4964 4")

TUBING ANCHOR: 4976 4" KB

NO. OF JOINTS 1 jts (31 4")

SEATING NIPPLE 2-7/8" (1 10")

SN LANDED AT 5010 6" KB

NO. OF JOINTS 2 jts (62 7")

TOTAL STRING LENGTH: EOT @ 5075" KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods

SUCKER RODS: $1 - 3/4^{\circ} = 2^{\circ}$ pony rods; $194 - 3/4^{\circ} = 4850^{\circ}$ guided rods; $6 - 172^{\circ} = 150^{\circ}$ weight rods

PUMP SIZE CDI 2-1/2" x 1-1/2" x 14x 18" RHAC

STROKE LENGTH 102

PUMP SPEED, 5 SPM

PERFORATION RECORD

 5345-5368'
 4 JSPF
 92 holes

 5006-5014'
 4 JSPF
 32 holes

 4597-4606"
 4 JSPF
 36 holes

 3956-3969"
 4 JSPF
 52 holes

 3897-3906"
 4 JSPF
 36 holes

 3867-3873"
 4 JSPF
 24 holes

NEWFIELD

FEDERAL 15-23-9-16

603' FSL & 2162' FEL

SW/SE Section 23-T9S-R16E

Duchesne Co. Utah

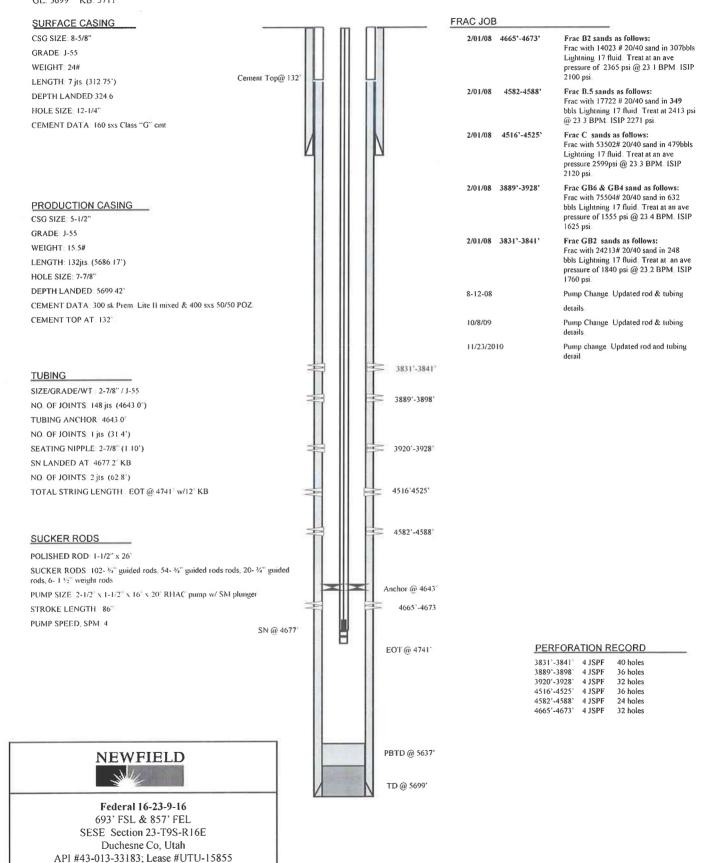
API #43-013-33182; Lease # UTU-15855

ATTACHMENT E-2

Federal 16-23-9-16

Spud Date: 11-13-07 Put on Production: 2-06-08 GL: 5699' KB: 5711'

Wellbore Diagram



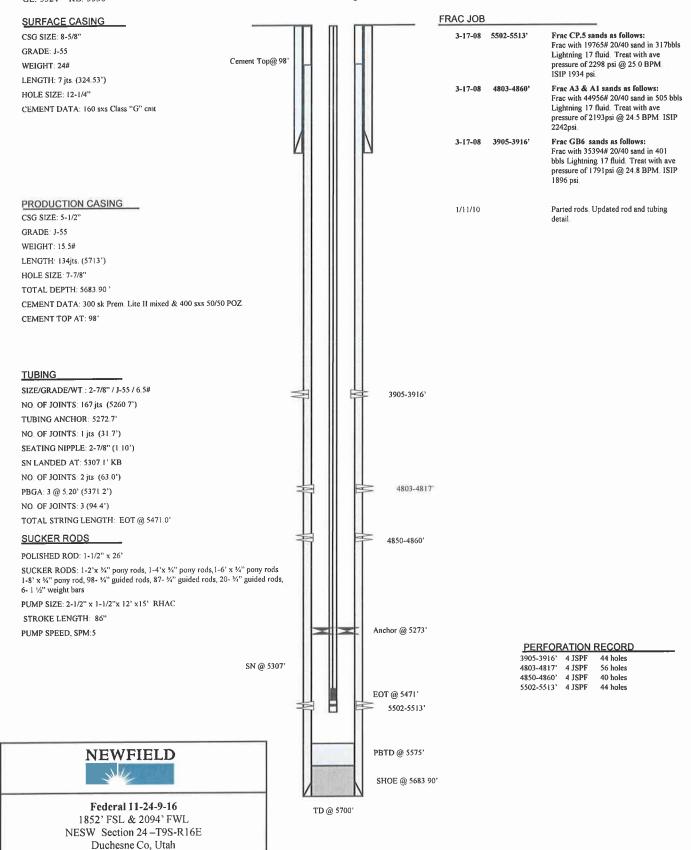
Attachment E-3

Federal 11-24-9-16

Spud Date: 1/28/08 Put on Production: 03/27/08 GL: 5524' KB: 5536'

API #43-013-33340; Lease UTU-15855

Wellbore Diagram



FEDERAL 12A-24-9-16

Spud Date: 11/05/07 Put on Production: 01/26/08

GL: 5640' KB: 5652'
SURFACE CASING

Wellbore Diagram

Cement Top @ 112'

Initial Production: BOPD MCFD, BWPD

FRAC JOB

01/22/2008 4806-4820

Frac A1 sands as follows: 70235# 20/40 sand in 570 bbls Lightning 17 frac fluid. Treated @ avg press of 1932 psi w/avg rate of 23.3 BPM. ISIP 2247 psi

01/22/2008 3897-3938' Frac GB6 sands as

Frac GB6 sands as follows: 64050# 20/40 sand in 507 bbl Lightning 17 frac fluid Treated @ avg press of 1813 psi w/avg rate of 23 3 BPM. ISIP 1701 psi

WEIGHT 24#

LENGTH 7 jts (306 37')

DEPTH LANDED: 318 22 KB

HOLE SIZE 12-1/4"

CSG SIZE: 8-5/8"

GRADE: J-55

CEMENT DATA 1- 160, sxs Class "G" cmt, est 0 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE J-55

WEIGHT 15.5#

LENGTH: 147 jts. (5692.63')

DEPTH LANDED 5705.88' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ

CEMENT TOP 112

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6 5#

NO OF JOINTS 152 jts (4778.87')

TUBING ANCHOR: 4790 87' KB

NO OF JOINTS 1 jts (31 42')

SEATING NIPPLE 2-7/8"(1-10')

SN LANDED AT: 4825 09' KB

NO OF JOINTS 2 jts (62 86')

TOTAL STRING LENGTH EOT @ 4889 50' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM polished rods

SUCKER RODS 1-2', 4', 8'x 3/4" pony rods, 99-3/4" guided rods, 67-3/4" plain rods, 20-3/4" guided rods, 6-1 'z weight rods

PUMP SIZE CDI 2-1/2" x 1-1/2" x 14" RHAC

STROKE LENGTH 86"

PUMP SPEED, 5 SPM

3931-3938 Anchor @ 4791' 4806-4820'

3897-3905

EOT @ 4890'

PBTD @ 5641'

SHOE @ 5706'

TD @ 5725'

SN 4825'

NEWFIELD

FEDERAL 12A-24-9-16

1951' FSL & 482' FWL

NW/SW Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33341; Lease # UTU-15855

PERFORATION RECORD

4806-4820' 4 JSPF 56 holes 3931-3938' 4 JSPF 28 holes 3897-3905' 4 JSPF 32 holes

Attachment E-5

Federal 14-24-9-16

Spud Date: 1/18/08 Put on Production: 3/25/08 GL: 5704' KB: 5716'

Duchesne Co, Utah

API #43-013-33343; Lease UTU-15855

Wellbore Diagram

SURFACE CASING FRAC JOB 3-15-08 5547-5567 Frac CP5 Sands as follows: CSG SIZE:8 5/8" GRADE: J-55 90,237# 20/40 sand in 711 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1817 w/ ave rate of 23.4 bpm w/ 8 ppg of sand ISIP Cement Top @ 144 WEIGHT: 24# was 2069 Actual Flush: 5082 gal. LENGTH: 323 3-15-08 5353-5361' Frac stage #2 as follows: HOLE SIZE: 12 1/4" 14,734# 20/40 sand in 284 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2150 w/ ave rate of 23 4 bpm w/ 6.5 ppg of sand ISIP CEMENT DATA: To surface with 160 sx Class "G" cmt was 1989 Actual Flush: 4872 gal 3-15-08 5226-5233' Frac stage #3as follows: 15,212# 20/40 sand in 283 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2379 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 2268 Actual Flush: 4746 gal 3-15-08 4837-4846 Frac stage #4 as follows: No breakdown or Frac PRODUCTION CASING 3-15-08 4576-4591 Frac stage #5 as follows: CSG SIZE: 5-1/2" 70,586# 20/40 sand in 574 bbls of Lightning 17 frac fluid. Treated @ GRADE: J-55 ave pressure of 2299 w/ ave rate of 23 3 bpm w/ 8 ppg of sand ISIP was 2299 Actual Flush: 4074 gal WEIGHT:15.5# 3-15-08 3900-3998' Frac stage #6 as follows: LENGTH: 134 jts (5689.43') 121,107# 20/40 sand in 849 bbls of Lightning 17 frac fluid Treated @ HOLE SIZE: 7-7/8" ave pressure of 2299 w/ ave rate of 26 bpm w/ 8 ppg of sand. ISIP was TOTAL DEPTH: 5745 1794. Actual Flush: 3780 gal CEMENT DATA: 300 sx Premlite II and 400 sx 50/50 Poz 11/10/08 Tubing Leak Updated rod &tubing details CEMENT TOP AT: 144 7/27/2010 Pump change. Updated rod and tubing 3900-3915 3957-3970 **TUBING** SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# 3988-3998 NO OF JOINTS: 175 jts (5495') 4576-4591 **TUBING ANCHOR: 5495** NO OF JOINTS: 1 its (31 4') 4837-4846' No Breakdown or Frac SEATING NIPPLE: 2-7/8" (1:10') SN LANDED AT: 5529 1' KB NO. OF JOINTS: 1 it (31.4') 5226-5233 TOTAL STRING LENGTH EOT @ 5562' 5353-5361 SUCKER RODS POLISHED ROD: 1-1/2" x 26 SUCKER RODS: 2-8' x ½" pony rods, 1-6' x ½" pony rod, 1-8' x ½" pony rod, 99-¾" guided rods, 80-¾" sucker rods, 35-¾" guided rods, 6-1½" PUMP SIZE: 2-1/2" x 1-1/2"x 16' x 20' RHAC pump - CDI pump w/sm STROKE LENGTH: 86" Anchor @ 5495 PUMP SPEED, SPM: 5 PERFORATION RECORD 5547-5567 3/15/08 3900-3915' 4 JSPF 60 holes 3/15/08 3957-3970' 4 JSPF 3/15/08 3988-3998' 4 JSPF 52 holes SN @ 5529' 40 holes 4 JSPF EOT @ 5562' 3/15/08 4576-4591' 60 holes 3/15/08 4837-4846' 4 JSPF 36 holes (No frac) 3/15/08 5226-52331 4 JSPF 28 holes 5353-53611 3/15/08 4 JSPF 32 holes 3/15/08 5547-5567' 4 JSPF NEWFIELD PBTD @5701' TD @57423 Federal 14-24-9-16 617' FSL & 2285' FWL SE/SW Section 24 - T9S-R16E

Attachment E-6

Federal 4-25-9-16

Spud Date: 11/5/2008 Put on Production: 1/9/2009

GL: 5765' KB: 5777'

SURFACE CASING

CSG SIZE: 8-5/8" GRADE - J-55 WEIGHT: 24# LENGTH: ? jts (303.58')

DEPTH LANDED: 313,58' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx class 'g

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 8 jts (6001.18') DEPTH LANDED: 5699.87' HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sx primlite and 400 sx 50/50 poz

CEMENT TOP AT: 120'

TUBING

SIZE/GRADE/WT.; 2-7/8" / J-55
NO. OF JOINTS. 159 jts (4951')
TUBING ANCHOR. 4963' KB
NO. OF JOINTS: 1jt (31.4')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT. 4997' KB
NO. OF JOINTS: 2 jts (62.8')
TOTAL STRING LENGTH: EOT @ 5062'

SUCKER RODS

POLISHED ROD 1 1/2" x 26'

SUCKER RODS: 98-3/4" guided rods, 74-3/4" guided rods, 20-3/4" guided rods, 6-1 ½" sinker bars

PUMP SIZE CDI 2 1/2" x 1 1/2" x 16' x 20' RHAC rod pump

STROKE LENGTH: 178" PUMP SPEED, SPM: 2

NEWFIELD

Federal 4-25-9-16

554' FNL & 733' FWL

NW/NW Section 25-T9S-R16E

Duchesne Co, Utalı

API # 43-013-33555; Lease # UTU-64380

Wellbore Diagram

FRAC JOB

1/5/09 4967-4974' Frac LODC sds as follows: w/ 24,518#s of 20/40 sand in 362 bbls of Lightning 17 fluid Broke @ 3312 psi Treated w/ ave pressure of 2480 psi w/ ave rate of 23.0 BPM ISIP 2829 psi Actual flush: 4452 gals.

1/5/09 4685-4692' Frac B2 sds as follows:
w/ 40,581#s of 20/40 sand in 410 bbls of Lightning 17 fluid. Broke @
4072 psi. Treated w/ ave pressure of 2150 psi w/ ave rate of 22.9 BPM.
1SIP 2213 psi. Actual flush: 4087 gals.

 1/2/09
 3856-3864'
 Frac GB2 sds as follows:

 w/ 42,107#'s of 20/40 sand in 388 bbls of Lightning 17 fluid.
 Broke @

 1770 psi.
 Treated w/ ave pressure of 1900 psi w/ ave rate of 23 0 BPM.

 ISIP 1733 psi.
 Actual flush: 3767 gals.

02/12/2011

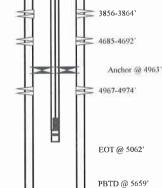
Tubing Leak Rod & tubing updated

PERFORATION RECORD

 1/5/09
 3856-3864'
 4 JSPF
 32 holes

 1/5/09
 4685-4692'
 4 JSPF
 28 holes

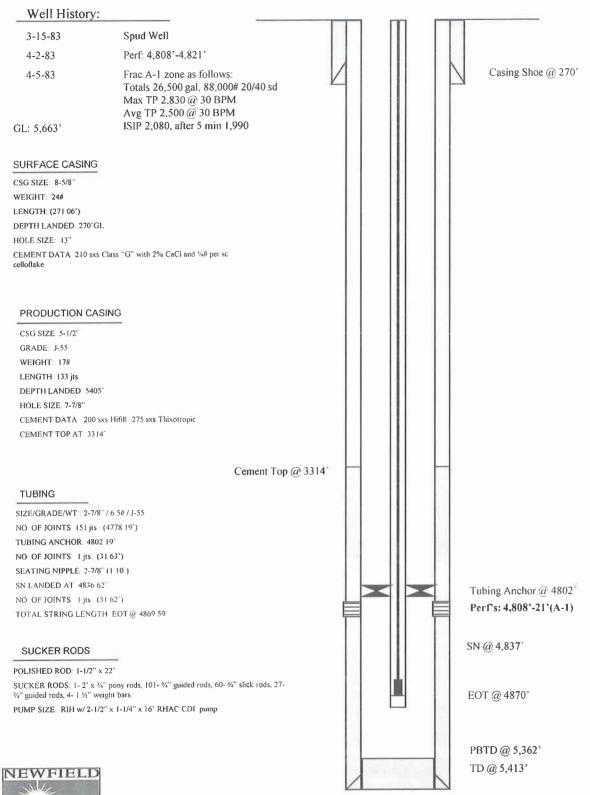
 1/5/09
 4967-4974'
 4 JSPF
 28 holes



TD @ 5740'

Castle Peak Federal #9-23

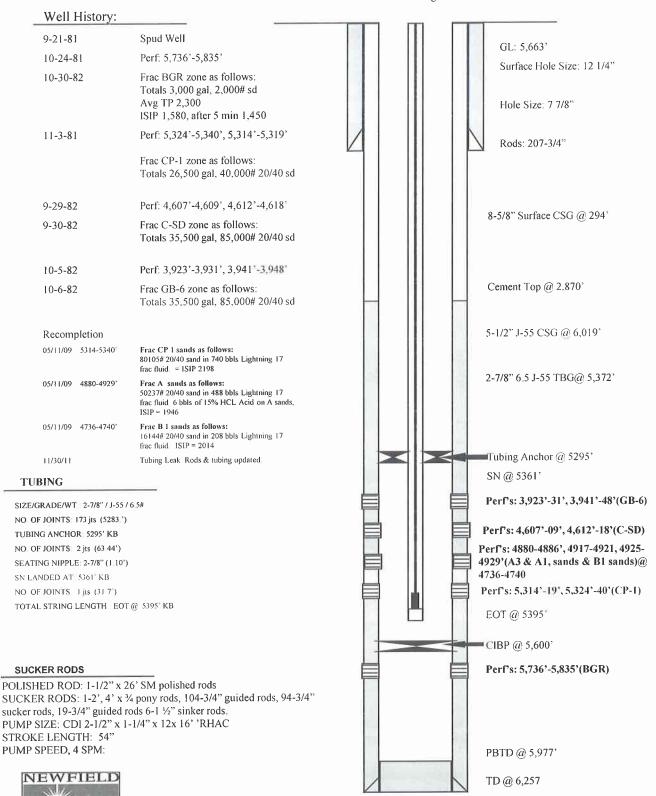
Wellbore Diagram



Castle Peak Federal #9-23 2080 FSL 659 FEL NESE Section 23-T9S-R16E Duchesne Co, Utah API #43-013-30654; Lease #UTU-15855

Castle Peak Federal #12-24-9-16

Wellbore Diagram



Castle Peak Federal #12-24-9-16 794 FWL 2057 FNL SWNW Section 24-T9S-R16E Duchesne Co, Utah API #43-013-30588; Lease #U-15855

Balcron Federal #21-25Y-9-16

Spud Date: 9/7/1993 Put on Production: 10/28/1993

GL: 56921 KB: 57051

Wellbore Diagram

Initial Production: 20 BOPD, 300 MCFD, 45 BWPD

FRAC JOB SURFACE CASING 10/11/93 4632'-4790' Frac zone as follows: CSG SIZE: 8-5/8" 35,000# 16/30 sand in 398 bbls gelled GRADE: K-55 KCL frac fluid Treated@ avg press of 2800 psi w/avg rate of 2.5 BPM ISIP WEIGHT: 24# 2400 psi LENGTH: 6 jts. (271') 10/15/01 4367 4371 Frac zone as follows: HOLE SIZE 12-1/4 11,340# 16/30 sand in 166 bbls gelled CEMENT DATA 150 sxs Class G cmt, est 5 bbls cmt to surf KCL frac fluid Treated@ avg press of 2600 psi w/avg rate of 15 4 BPM ISIP 2500 psi 8/18/95 3690 -3929 Frac zone as follows: Cement Top@ 1800 117,300# 16/30 sand in 708 bbls gelled KCL frac fluid 5/31/98 Shut in. Hole in tubing PRODUCTION CASING Tubing leak Update rod and tubing 5/25/04 CSG SIZE, 5-1/2" GRADE K-55 WEIGHT: 15.5# LENGTH: 130 jts. (5622 94') DEPTH LANDED: 5636 94 HOLE SIZE 7-7/8 CEMENT DATA 215 sxs Thrifty Lite & 294 sxs 50/50 POZ Anchor @ 3658 CEMENT TOP AT 1800 per CBL 3690 -3704 38841-3895 SIZE/GRADE/WT 2-7/8" / J-55 / 6.5# NO OF JOINTS: 155 jts TUBING ANCHOR 4759 92' 3897 -3903 NO OF JOINTS 1 jts (32 50) SEATING NIPPLE 2-7/8" (1 10') SN LANDED AT 4795.22 3010 - 3020 NO OF JOINTS: 1 jt (28 98') TOTAL STRING LENGTH EOT @ 4825 757 4367'-4371' SUCKER RODS 4632'-4640' POLISHED ROD, 1-1/4" x 16 4654'-4658 SUCKER RODS 1-4' x3/4' pony rod, 1-1' x 2' pony rod, 1-1 1/2" weight bars, 6-1" scraper rods, 21-3/4" scraper rods, 60-3/4" plain rods, 100-3/4 guided rods 4790 -4794 PUMP SIZE: 2-1/2" x 1-1/2" x 12" x 15" RHAC STROKE LENGTH 62 PUMP SPEED, SPM 5 SPM PERFORATION RECORD LOGS DLL/ Spectral Density, Dual Spaced Neutron, GR, CBL 10/08/93 4790 -4794' LJSPF 8 holes 10/08/93 4654'-4658' I JSPF 4 holes 10/08/93 4632'-4640' 1 JSPF 6 holes 10/08/93 4367'-4371' 1 JSPF 9 holes 08/18/95 3919'-3929' 1 JSPF 3 holes 08/18/95 3897'-3903' 1 ISPF 2 holes 3884'-3895' 1 JSPF 2 holes 08/18/95 3690'-3704' I JSPF 7 holes SN @ 4795' EOT @ 4826' PBTD @ 5592

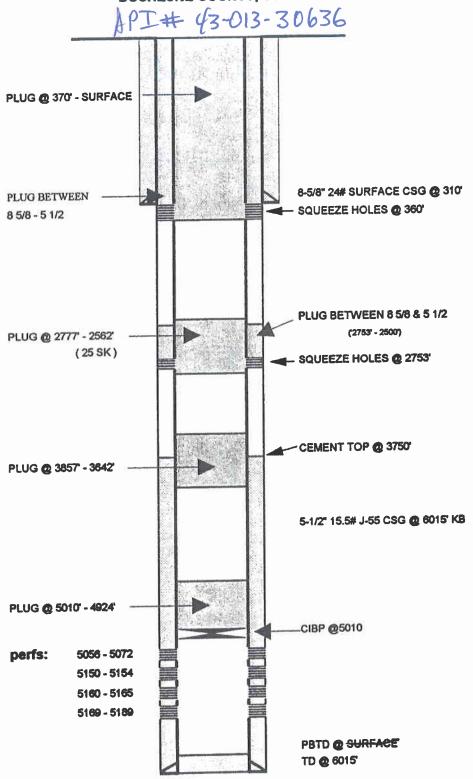
TD @ 5650'



500' FNL & 1980' FWL NENW Section 25-T9S-R16E Duchesne Co, Utah API #43-013-31394; Lease #U-64380

CASTLE PEAK #1-26

NE/NE SECTION 26, T9S, R16E DUCHESNE COUNTY, UTAH

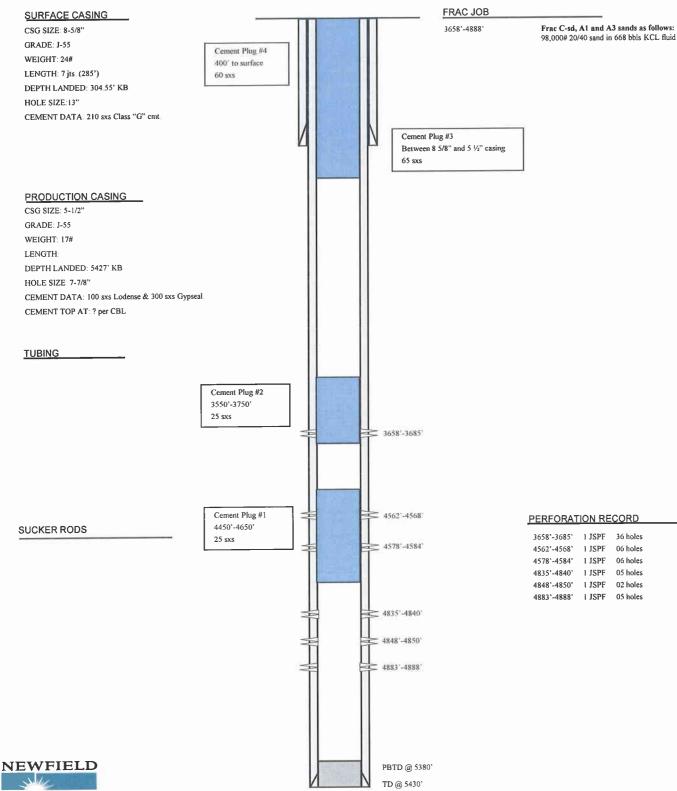


Castle Peak 10-23-9-16

Spud Date: 10/19/1984
Date Completed: 12/1/1984
P&A: 12/1/1984
GL: 5704' KB: 5716'
SURFACE CASING
CSG SIZE: 8-5/8"

Wellbore Diagram

Initial Production: P&A



Castle Peak Federal 10-23-9-16 1914' FSL & 1847' FEL NWSE Section 23-T9S-R16E Duchesne Co, Utah API #43-013-30875; Lease #U-15855

ATTACHMENT F

multi-chem

A HALLIBURTON SERVICE

1553 East Highway 40 Vernal, UT 84078

Water Analysis Report

Production Company:

NEWFIELD PRODUCTION

Well Name:

FEDERAL 13-24-9-16

Sample Point: Sample Date:

Sample ID:

Treater

12/19/2011 WA-204730

Sales Rep: Darren Betts Lab Tech: Gary Peterson

> Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Speci	fics	Analysis @ Properties in Sample Specifics									
Test Date:	12/19/2011	Cations	mg/L	Anions	mg/L						
System Temperature 1 (°F):	300.00	Sodium (Na):	1120.46	Chloride (CI):	4200.00						
System Pressure 1 (psig):	3000.00	Potassium (K):	0.00	Sulfate (SO ₄):	19.00						
System Temperature 2 (°F):	70.00	Magnesium (Mg):	52.20	Bicarbonate (HCO3):	2147.00						
System Pressure 2 (psig):	14.70	Calcium (Ca):	1228.00	Carbonate (CO3):	0.00						
Calculated Density (g/ml):	1.00	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00						
pH:	8.20	Barium (Ba):	10.30	Propionic Acid (C2H5COO)	0.00						
Calculated TDS (mg/L):	8899.36	Iron (Fe):	96.20	Butanoic Acid (C3H7COO)	0.00						
CO2 in Gas (%):	0.00	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00						
Dissolved CO2 (mg/L)):	0.00	Lead (Pb):	0.00	Fluoride (F):	0.00						
H ₂ S in Gas (%):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00						
H2S in Water (mg/L):	0.00	Manganese (Mn):	26.20	Silica (SiO2):	0.00						

Notes:

P= .06 mg/l

(PTB = Pounds per Thousand Barrels)

			cium oonate	Bariur	n Sulfate		ron Ilfide		ron oonate	Gy CaSC	psum 94-2H2O		estite SO4		alite laCl		linc Ilfide
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	РТВ	SI	PTB	SI	РТВ	SI	PTB	SI	PTB	SI	PTB
70	14	2.82	457.42	0.97	5.17	0.00	0.00	3.57	69.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	2.84	455.32	0.73	4.54	0.00	0.00	3.69	69.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	2.91	470.68	0.54	3.82	0.00	0.00	3.83	69.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	2.99	487.38	0.40	3.10	0.00	0.00	3.96	69.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	3.09	504.52	0.29	2.44	0.00	0.00	4.09	69.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	3.20	521.34	0.21	1.90	0.00	0.00	4.22	69.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	3.33	537.25	0.16	1.48	0.00	0.00	4.34	69.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	3.46	551.81	0.13	1.19	0.00	0.00	4.45	69.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	3.61	564.73	0.10	1.00	0.00	0.00	4.54	69.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	3.75	575.88	0.09	0.88	0.00	0.00	4.63	69.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5			hydrate 4~0.5H2 O		nydrate eSO4		lcium ioride		Zinc conate		ead ulfide		Mg icate		a Mg licate		Fe licate
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	РТВ	SI	РТВ	SI	РТВ	SI	PTB	SI	PTB	SI	РТВ
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/7																0.00	0.00

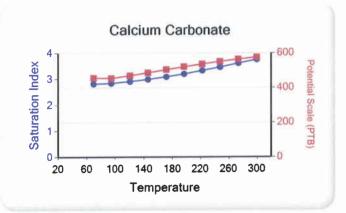
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate

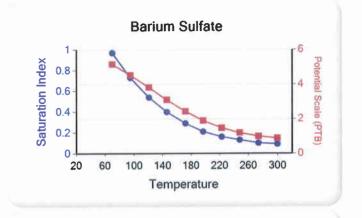
Excellence

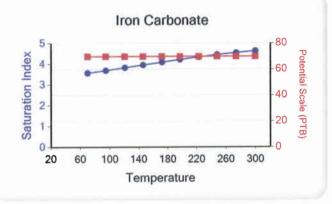
1553 East Highway 40 Vernal, UT 84078 ATTACHMENT F



These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate







Ethics

ATTACHMENT P

65



Water Analysis Report

Production Company: NEWFIELD PRODUCTION

Well Name: B

1553 East Highway 40

Vernal, UT 84078

BELUGA INJECTION

Sample Point: Sample Date:

Sample ID:

Comingled 1/16/2012

WA-205556

Sales Rep: Darren Betts
Lab Tech: John Keel

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specific	S		Analysis @ Prop	perties in Sample Specifics	
Test Date:	1/16/2012	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	300.00	Sodium (Na):	2975.08	Chloride (CI):	3800.00
System Pressure 1 (psig):	1300.00	Potassium (K):	10.00	Sulfate (SO ₄):	374.00
System Temperature 2 (°F):	70.00	Magnesium (Mg):	12.50	Bicarbonate (HCO3):	1049.00
System Pressure 2 (psig):	14.70	Calcium (Ca):	28.00	Carbonate (CO ₃):	0.00
Calculated Density (g/ml):	1.00	Strontium (Sr):		Acetic Acid (CH3COO)	0.00
pH:	8.20	Barium (Ba):	2.20	Propionic Acid (C2H5COO)	0.00
Calculated TDS (mg/L):	8252.18	Iron (Fe):	0.50	Butanoic Acid (C3H7COO)	0.00
CO2 in Gas (%):	0.00	Zinc (Zn):	0.40	Isobutyric Acid ((CH3)2CHCOO)	0.00
Dissolved CO2 (mg/L)):	0.00	Lead (Pb):	0.30	Fluoride (F):	
H ₂ S in Gas (%):		Ammonia NH3:		Bromine (Br):	
H2S in Water (mg/L):	55.00	Manganese (Mn):	0.20	Silica (SiO2):	

Notes:

P=2.8

(PTB = Pounds per Thousand Barrels)

			cium oonate	Bariun	n Sulfate		ron Ilfide		ron conate		psum 94-2H2O		estite SO4		alite IaCl		Zinc ulfide
Temp (°F)	PSI	SI	РТВ	SI	РТВ	SI	РТВ	SI	PTB	SI	РТВ	SI	PTB	SI	РТВ	SI	PTB
70	14	0.79	15.32	1.73	1.29	3.48	0.28	0.81	0.31	0.00	0.00	0.00	0.00	0.00	0.00	11.70	0.21
95	157	0.82	15.56	1.50	1.27	3.26	0.28	0.94	0.32	0.00	0.00	0.00	0.00	0.00	0.00	11.18	0.21
121	300	0.89	16.81	1.32	1.25	3.14	0.28	1.09	0.33	0.00	0.00	0.00	0.00	0.00	0.00	10.77	0.21
146	443	0.99	18.22	1.19	1.22	3.08	0.28	1.24	0.34	0.00	0.00	0.00	0.00	0.00	0.00	10.44	0.21
172	585	1.10	19.64	1.09	1.21	3.08	0.28	1.39	0.35	0.00	0.00	0.00	0.00	0.00	0.00	10.16	0.21
197	728	1.23	20.92	1.03	1.19	3.11	0.28	1.53	0.35	0.00	0.00	0.00	0.00	0.00	0.00	9.94	0.21
223	871	1.36	21.98	1.00	1.18	3.17	0.28	1.65	0.35	0.00	0.00	0.00	0.00	0.00	0.00	9.76	0.21
248	1014	1.50	22.79	0.99	1.18	3.26	0.28	1.77	0.36	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.21
274	1157	1.65	23.37	1.00	1.18	3.36	0.28	1.87	0.36	0.00	0.00	0.00	0.00	0.00	0.00	9.47	0.21
300	1300	1.79	23.76	1.02	1.18	3.47	0.28	1.96	0.36	0.00	0.00	0.00	0.00	0.00	0.00	9.36	0.21
		WWESSE	21/188 (1884 KS. 11)	VIN SE	US41385455	6	PROVESS	15	market 1	9 100	2200 T	7	W/Date	70%	- INVESTO	10 0000	mes.

		Hemihydrate CaSO4~0.5H2 O			ydrate iSO4		lcium oride		linc ponate	9.2%	ead Ilfide		/lg icate		a Mg icate		Fe icate
Temp (°F)	PSI	SI	PTB	SI	РТВ	SI	PTB	SI	РТВ	SI	PTB	SI	РТВ	SI	PTB	SI	РТВ
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.98	0.12	0.00	0.00	0.00	0.00	0.00	0.00
95	157	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.14	13.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00
121	300	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.21	12.45	0.12	0.00	0.00	0.00	0.00	0.00	0.00
146	443	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.24	11.87	0.12	0.00	0.00	0.00	0.00	0.00	0.00
172	585	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.25	11.38	0.12	0.00	0.00	0.00	0.00	0.00	0.00
197	728	0.00	0.00	0.00	0.00	0.00	0.00	1.49	0.26	10.96	0.12	0.00	0.00	0.00	0.00	0.00	0.00
223	871	0.00	0.00	0.00	0.00	0.00	0.00	1.70	0.26	10.61	0.12	0.00	0.00	0.00	0.00	0.00	0.00
248	1014	0.00	0.00	0.00	0.00	0.00	0.00	1.87	0.27	10.30	0.12	0.00	0.00	0.00	0.00	0.00	0.00
274	1157	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.27	10.04	0.12	0.00	0.00	0.00	0.00	0.00	0.00
300	1300	0.00	0.00	0.00	0.00	0.00	0.00	2.11	0.27	9.80	0.12	0.00	0.00	0.00	0.00	0.00	0.00

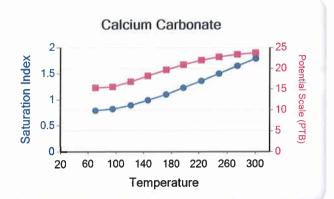
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Lead Sulfide

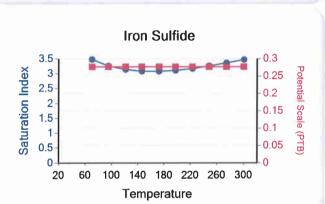
1553 East Highway 40 Vernal, UT 84078

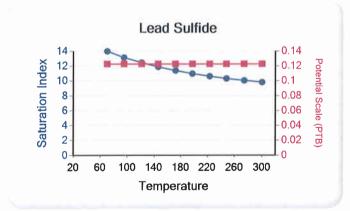


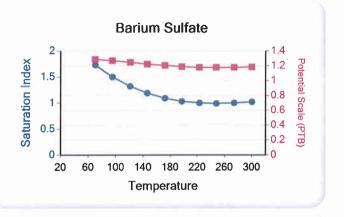
multi-chem*
A HALLIBURTON SERVICE

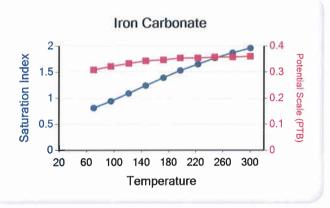
These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide

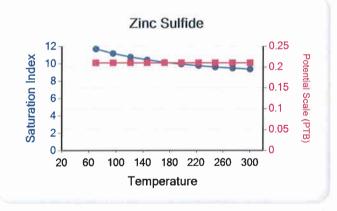


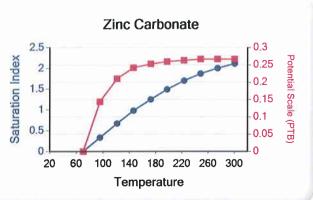












Ethics

Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078





Ethics

Attachment "G"

Federal #15-22-9-16 Proposed Maximum Injection Pressure

	interval eet)	Avg. Depth	ISIP	Calculated Frac Gradient	
Top	Bottom	(feet)	(psi)	(psi/ft)	Pmax
4912	4922	4917	3269	1.10	3237
4780	4798	4789	2490	0.95	2459 ◀
				Minimum	2459

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



\$300

\$319,701_

\$319,701

NPC Supervision

DAILY COST:

TOTAL WELL COST: ____

				104	-7
	DAILY COMP	LETION REPORT		10	' (
WELL NAME: Federal	13-24-9-16	Report Date:1/2	23/2008		Day:1
Operation: Completi	on		Rig: _	Rigless	
	WELL	STATUS			
Surf Csg: <u>8-5/8'</u> @ <u>324'</u>	Prod Cs		5674'	Csg PBTD:	w
Tbg: Size: W	t:Grd:	Pkr/EOT @: _		BP/Sand PBTD:	
	PERFORA	TION RECORD			
Zone Perfs	SPF/#shots	<u>Zone</u>	<u>!</u>	<u>Perfs</u>	SPF/#shots
LODC sds 4912-4922'	4/40				·····
		holds-fall-parter-parte	ARTON CONTRACTOR CONTR		·
		····	3000-0000-0000-0000-0000-0000-0000-0000-0000		· · · · · · · · · · · · · · · · · · ·
	CHRONOLOG	CAL OPERATIONS			_
Date Work Performed:	1/22/2008		SITP:	SICP:	0
Starting fluid load to be recovered:	***	OVERY (BBLS) ting oil rec to date:			 .
Fluid lost/recovered today:	***************************************	ost/recovered today:			
Ending fluid to be recovered:	· · · · · · · · · · · · · · · · · · ·	oil recovered:			
IFL: FFL:	FTP:Choke	e: Final	Fluid Rate:	Final o	oil cut:
STIMULA	TION DETAIL			COSTS	
Base Fluid used:	Job Type:			erford BOP	\$540
Company:	MANA .	-		C NU crew	\$300
Procedure or Equipment detail:		~		SI trucking	\$800
				rators LLC	\$5,613
				orilling cost	\$305,620
				ate Hot Oil	\$528
		4		reparation	\$300
MATERIAL STATE OF THE STATE OF				C wellhead	@4 E00
			Benco	- anchors	
				Overhead	\$1,500 \$1,200 \$3,000

FG: ____

Max TP: Max Rate: Total fluid pmpd: Avg TP: Avg Rate: Total Prop pmpd:

ISIP: ____ 5 min: ____ 10 min: ____

Completion Supervisor: Don Dulen



207

Day: 2a

DAILY COMPLETION REPORT

Federal 13-24-9-16

WELL NAME:

Report Date: 1/31/2008

Operation:	Completion			Rig:	Rigless	
		WELL S	STATUS			
Surf Csg: 8-5/8'	@ 324'	Prod Csg:		5674'	Csg PBTD:	5401'
Tbg: Size:	Wt:	Grd:	Pkr/EOT @	D:	BP/Sand PBTD:	
		PERFORAT	ION RECORD			
<u>Zone</u>	<u>Perfs</u>	SPF/#shots	<u>Zone</u>		<u>Perfs</u>	SPF/#shots
LODC sds 49)12-4922'	4/40				
		-		,		
		CHRONOLOGIC	AL OPERATION	<u> </u>		
Date Work Perform	ned: 1/30/2				SICP:	0
in 315 bbls of Light Techna Hib chemic 15% HCL acid in flu	al Treated @ ave	pressure of 3001 v	v/ ave rate of 23.	∠ ppm w/ 6.5	ppg of sand. Sp	ot 12 bbls c
			OVERY (BBLS)			
Starting fluid load to Fluid lost/recovered	***************************************	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ng oil rec to date: st/recovered toda			
Ending fluid to be re			oil recovered:	y •		
_	FL: FTI	P: Choke:	Fir	nal Fluid Rate:	Final	oil cut:
	STIMULATION	I DETAIL			COSTS	
***************************************		ob Type: Sand	d Frac			
	Services					
Procedure or Equipr		DC sds down casing	3		ord Services	\$1,000
1722 gals w/ ⁻	Techna Hib & to cro	oss link		***************************************	g frac water	\$300
1974 gals of p					PC fuel gas	\$500
1511 gals w/ 1	1-4 ppg of 20/40 sa	nd		***************************************	s LODC sds	\$18,970
1067 gals w/ 4	4-6.5 ppg of 20/40 s	sand		NPC	Supervisor	\$300
504 gals of 15	5% HCL acid					***************************************
Flush w/ 4452	gals of slick water			***************************************	······································	
Flush called	@ blender to includ	le 2 bbls for pump/lir	ne volume	<u> </u>		
Max TP: 3317 N		Total fluid pmpd:	315 bbls			
	***************************************	n Total Prop pmpd:	19,518#'s	***************************************		
ISIP: 3269	5 min:	10 min:	FG: <u>1.1</u>	DAILY C		\$21,070
Completion Sup	pervisor: Ror	n Shuck		TOTAL W	ELL COST:	\$340,771



WELL N	AME:	Federal 13	-24-9-16	Re	eport Date:	1/3	1/2008			Day: <u>2b</u>
Ope	ration	Completion					Rig:	Rigle	ess	
				WELL S	TATUS					
Surf Csg:	8-5/8	@ 324'	Pro	od Csg:	5-1/2"	@ _	5674'	Csg Pl		······································
Tbg:	Size:	Wt:	Grd		Pkr/E0	OT @: _		BP/Sand P	BTD:	4850'
			PER	ORATIO	ON RECORI	2				
<u>Zone</u>		<u>Perfs</u>	SPF/#shot	s	Zo	<u>ne</u>		<u>Perfs</u>		SPF/#shots
A1 sds	**	4780-4798'	4/72		***************************************		COMMAND ACADEMIA STRAIGHT			
LODC sds	-	4912-4922'	4/40				***************************************			
	-			****						
	-		CHRONO	 LOGICA	L OPERAT	IONS			•	
Date Work	Perfo	ormed: 1/3	0/2008				SITP:	s	ICP:	2528
Day2b.		•								
RIII one	Wolf \	NLT, crane & lubri	cator. RIH w/	Weather	ford 5-1/2" (3K cor	nposite flow	through fra	c plu	g & 18' per
gun Setr	olua (a	4850'. Perforate	A1 sds w/ 3-1/	8" Slick	Guns (23 gr	am, .4	3"HE, 90)	w/ 4 spf for	total	of 72 shots
RUBUS fr	ac sta	ige #2 w/ 102,122#	's of 20/40 sar	nd in 772	2 bbls of Lia	htnina	17 frac flui	d. Open we	ell w/	2528 psi or
casing Pe	erfs br	oke down @ 4108	psi. Pump 30	gals of	Techna Hib	chemi	cal. Treate	d @ ave pre	essure	e of 2124 w
ave rate of	23.3	bpm w/ 8 ppg of s	and. ISIP was	3269.	1197 bbls E	EWTR.	RD BJ &	WLT. Flow	well	back. Wel
flowed for h	nours	& died w/ bbls rec'd	. SIFN.							
Ctarting flu	امامه	to be recovered:			/ERY (BBL: g oil rec to d	_				
Fluid lost/re					recovered t					
		recovered:			il recovered:	_				
IFL:		FFL:	FTP:	Choke: _		Final	Fluid Rate:	J-	inal c	oil cut:
	•	STIMULATION						COSTS		
		Lightning 17 BJ Services	Job Type:	Sand	Frac	~-				***************************************
Company: Procedure			\1 sds down ca	sina		***	Weatherfo	d Services	•	\$2,200
	•	als w/ Techna Hib 8		5		_		frac water	•	\$1,700
	gals o		······				NI	PC fuel gas	,	\$500
5319	gals v	v/ 1-5 ppg of 20/40	sand			-	BJ Servi	ces A1 sds	,	\$25,268
1062	2 gals	w/ 5-8 ppg of 20/40) sand				Lone V	Volf A1 sds		\$6,310
2329	gals v	v/ 8 ppg of 20/40 sa	nd			•			,	
Flush	w/ 46	62 gals of slick wat	er			· ·				
				······································						
Max TP:	2421	Max Rate: 23.	4 Total fluid	pmpd: _	772 bbls	-				
_		Avg Rate: 23.2 b	pm Total Prop	pmpd:						
	2490	5 min:	10 min:		FG: <u>.95</u>		DAILY C			\$35,978
Comple	etion S	Supervisor: F	on Shuck				TOTAL WE	LL COST:		\$376,749



NEWFIELD ATTACHMENT G-1

4 of 7

<u>WE</u>	<u>LL NAME:</u>	Federal 1	3-24-9-16		кероп и	ate:	2/1/2000	·		Day. 3
Operation: Completi		: Completio	<u>n</u>				Rig:	Weste	ern #4	<u>. </u>
				W	ELL STATUS					
Surf C	sg: 8-5/8	' @ 324 '		Prod		-	5674'	Csg F	BTD:	5401'
Tbg:	Size:	•	6.5#	_Grd: _	J-55 P	kr/EOT @	: <u>5550'</u>	BP/Sand F	BTD:	5635'
				PERFO	RATION REC	ORD				
Zor	ne	<u>Perfs</u>		#shots	NATION NEO	Zone		<u>Perfs</u>		SPF/#shots
A1 sd:	_	4780-4798'	4/72							
LODC	sds	4912-4922'	4/40							
	······································				********			······································		•
		<u></u>								

			CHR	ONOL	OGICAL OPE	RATIONS	-			
	Vork Perfo	***************************************	31/2008	-					SICP:	······
Thaw	well out. I	MIRUSU. Open v	vell w/ 150	psi on	casing. Bled	well dow	n. RD Cam	eron BOP's	& 5K	frac head.
string	of 2-7/8" (tion tbg head & S 6.5#, 8EUE, J-55	tha 150 if	ops. It	30 4-3/4 Cnd	5'. RU r	oump, tanks	any & pickup & swivel. C	ircula	te down to
plug @	D 4850'. D	rlg out plug. TIH	<i>N</i> tbg to tag	g sand (@ 5473'. C/O	sand to	PBTD @ 563	35'. LD 2 jts	tbg. S	SIFN.
Fluid le	ost <u>/recover</u>	to be recovered: ed today: recovered:	1197	(Starting oil rec Oil lost/recove Cum oil recove	red today				
IFL:		FFL:	FTP:	cr	noke:	Fina	al Fluid Rate:		Final	oil cut:
	TUBI	NG DETAIL		ROI	DETAIL			COSTS	<u> </u>	
****						todaraki/mili/oo/ski/	·	Western rig		\$4,271
	12.00'				polished rod		×	rford BOP's		\$255
00000	2 7/8 J-55 t				es		***************************************	ew J-55 tbg		\$17,315
	ΓΑ (2.80' @			······································	ed rods			NDSI wtr trk		\$500
	2 7/8 J-55 t	bg (')	***************************************	plain ro		***************************************	***************************************	m Chemical		\$400
10000	SN (1.10' @		***************************************	scraper			**************************************	oiate Hot Oil		\$546
2	2 7/8 J-55 t	bg (')	1 1/2	" weigh	t rods			s pit reclaim		\$1,800
2	2 7/8 NC (.4	45')	CDI:	2 1/2' X	1 1/2" X 15'		·	<u>equipment</u>		\$130,000
EOT _	W/ 12' KB		RHA	C pump	W/ SM plung	jer	MechamLa	bor/welding		\$19,500
							NDSI	wtr disposal		\$3,000
,							**************************************	ower swivel		\$750
								st Sanitation		\$400
							····	Supervisor		\$300
_		unorvicor:	Dan Oberel	ه ا			DAILY C	FU COST:		\$179,037 \$555,786



WEI	<u>LL NAME:</u>	Federal 1	3-24-9-16		керо	rt Date:		212008			Day:4
(Operation:	Completion	n					Rig:	Wes	tern #4	<u> </u>
				W	ELL STAT	US		· · · · · · · · · · · · · · · · · · ·			
Surf Cs	sg: 8-5/8	@ 324'				-1/2"	@	5674'	Csg	PBTD:	
Tbg:	Size:	2-7/8" Wt:	6.5#	_Grd: _	J-55	Pkr/EC	OT @:	1952'	BP/Sand	PBTD:	5635'
				PERFO	RATION	RECORE)				
Zon	<u>ne</u>	<u>Perfs</u>		#shots		Zoı	_		<u>Perfs</u>		SPF/#shots
A1 sds		4780-4798'	4/72								
LODC	sds	4912-4922'	4/40	<u> </u>				***************************************			
	·····			<u></u>			······································				

				RONOL	OGICAL C	PERAT	<u>ONS</u>				_
	Vork Perfo	***************************************	/1/2008					SITP:		SICP:	
Thaw	well out. (Open well w/ vacu	uum on ca: Lw/ no sar	sing. R nd FFI	3U swab 8 Was 190	: made 1 0' RD :	/ run swab	s to recove equip. TIH	r 110 bbis w/ tba to 1	ot tiuic taa no	new sand.
Circula	ate well cle	an @ BPTD @ 56	635'. TOO	H w/ tbo	a. LD bit 8	& bit sub	. TIH	lost NC, 2	its SN, 1jt (down h	ole, had to
make SIFN.	a trip w/ tk	og to retrieve lost	tbg. TIH	w/ NC,	2 jts tbg,	SN, 1 jt	tbg,	TA CDI nev	v 45,000#	shear,	59 jts tbg.
Fluid lo	ost <u>/recover</u>	to be recovered: ed today: recovered:	1197 81 1116		Starting oi Oil lost/red Cum oil re	overed to					
IFL:	, ,,,,,,,	FFL:	FTP:	<u>C</u> r	noke:		Final	Fluid Rate:		 _Final(oil cut:
	TUBI	NG DETAIL		ROI	D DETAIL				COS	<u>rs</u>	
									Western riç	-	\$4,469
KB _1	12.00'		1 1/2	2" X 22'	polished r	<u>od</u>	,		rford BOP's		\$255
180 _2	2 7/8 J-55 t	bg (5635')	X 3/	4" ponie	es			<u>C</u>	DI SN & TA	<u> </u>	\$600
1	ΓA (2.80' @) KB)			ed rods				oke, toilet,sw	THE R. P. L.	\$900
_2	2 7/8 J-55 t	bg (')		plain ro	***************************************				PC trkg tbo		\$400
_	SN (1.10' @) ' KB)			ed rods	······			iate Hot O		\$508
_2	2 7/8 J-55 t	bg (')		2" weigh					ion cleanu		\$400
	2 7/8 NC (.4	45')			1 1/2" X 1			NPC	Superviso	<u>r</u>	\$300
EOT _	W/ 12' KB		RHA	C pump	W/ SM p	lunger				••••	
				***************************************				// / / / / / / / / / / / / / / / / / /			
							,				
									<u></u>	****	
								DAILY C	OST:		\$7,832
Cor	mpletion S	supervisor:	Ron Shuc	k				TOTAL W	ELL COST	:	\$563,618



NEWFIELD ATTACHMENT G-1

<u>w</u>	ELL NAME	<u>:</u>	Fede	eral 1	3-24-9)-16		Re	epor	t Date:	2	/5/200	8	-			Day:	5
	Operation):	Comp	letio	n			•					Rig:		West	tern #4	<u> </u>	-
							W	ELL S	TAT	<u>US</u>								
Surf	Csg: <u>8-5/</u>		324	4'			Prod	l Csg: _		1/2"	_ @	567			_	PBTD:	***************************************	35'
Tbg:	Size	:	7/8''	Wt:	6.5	5#	Grd:	<u>J-5</u>	5	_ Pkr/E	от @:	498	39'	BP/S	Sand	PBTD:	56	35'
						P	PERFO	ORATIO	ON F	RECOR	D							
<u>Z</u>	<u>one</u>		<u>Perfs</u>				shots				one			<u>Perfs</u>			SPF/	#shots
A1 s		***************************************	-4798'		-	4/72		ı		*******************************			***************					
LOD	C sds	4912	-4922'	<u>,,</u>	300	4/40									••••••		~ ~~~~	<u>~~~~~~</u>
															••••			
								•								****		
																_		
D 4.	384l. D		1_	•			ONOL	.OGICA	L O	PERAI	IONS		SITP:			SICP:		0
Date	Work Perf	ormea). . on ca		(4/200)		1H w/	NC 2	ite t	ha SN	1 it tł							
RD I	en well w/ v BOP's. Se up & prime weight roc 1-1/2" x 26	t TA @	4890	, w/ 1	6,000	#'s te	nsion	w/ SN	@ 4	1924' 8	ÉOT 1/2"	@ 498	39'.	Flush	tbg v	v/ 60 l	obls w	ater.
1/2"	up & prime weight roc	pump. ls, 20-	3/4" gu	/ use iided	a roas rods (4 per), 70-	3/4" sli	ck r	ods, 10	-1/∠ x)0- 3/4	" guide	ed (4	per) r	ods,	11ew p 2', 4' x	3/4"	pony
rods	, 1-1/2" x 26 10SU.	6' polisi	h rod. S	Space	e pum	p. Te	st tbg	to 800	psi v	w/ hot c	oiler. L	.eft uni	t dow	n due	to su	ırface (equipr	nent.
	-					FI	ו חווו	RECOV	/FR	V (BBI	SI							
Starti	ing fluid loa	d to be	recove	red:	111			Starting										
	lost/recove			-	15			Oil lost										
Endir	ng fluid to b	e recov FFL:	_		1101 FTP:			Cum oi hoke:				Fluid	Rate:			_ Final (oil cut	•
			***************************************		· · · · •			*****	***************************************					·····	2007	**		
	IOB	ING DI	<u>EIAIL</u>		_		RU	D DET	AIL		-			<u>د</u> Weste	rn ric		\$	2,810
KB	12.00'					1 1/2"	X 22'	polishe	ed ro	d new	_	We		rford E		***		\$255
	2 7/8 J-55	tba	4878.	21'	-	·····		ponies		used	•	·	CE	Ol rod p	pump)	\$	1,450
	TA (2.80' (@ KB)			_	100- 3	3/4" sc	crapere	d ro	dsused		NPC	trkg t	bg, rods	s, trash)		\$900
1	2 7/8 J-55	tbg (31	1.50')			70- 3/	4" pla	in rods		used		NPC f	rac tr	nks(3x	8dys))		\$960
	SN (1.10')		4924.5	51'	,	20- 3/	4" scr	apered	rods	s used			Zuk	iate H	ot Oi	_ [\$500
2	2 7/8 J-55	tbg (63	3.91')		(6- 1 1.	/2" we	eight roo	ds	used			NP	C frac	head			\$500
	2 7/8 NC (.45')			_	2 1/2	' X 1 1	/2" X 1	6' X	19.5'	_		NPC	Supe	rvisoı	- -		\$300
EOT	W/ 12' KB		4989.9	97'		RHAC	pum	p W/ SI	M pl	unger		NPC	swa	b tnk (3dys)	<u> </u>		\$120
						CDI p	ump v	v/ 176"	SL				rds	("B" g	rade)	<u> </u>	\$1	6,000
					-						_		Ι	0&M H	ot Oi	- 		\$230
					_			***********			-					_		
													1. // ^	OCT		•••		4.005
_	le4!	O :-	.i	ı	Don C	hal-								OST:	OST.			7 643
C	ompletion	>uper\	visor:		Ron S	nuck						IUIA	IL VV	ELL C	USI:	·	φοδ	7,643



DAILY COST:

TOTAL WELL COST:

\$300 \$587,943

70f7

DAILY COMPLETION REPORT Day: 6 **WELL NAME:** Federal 13-24-9-16 Report Date: 2/7/2008 Rig: Western #4 Operation: Completion WELL STATUS Surf Csg: 324' Prod Csg: 5-1/2" 5674' Csg PBTD: 5635' 8-5/8 4989' **BP/Sand PBTD:** 2-7/8" 6.5# Grd: J-55 Pkr/EOT @: Tba: PERFORATION RECORD Perfs SPF/#shots SPF/#shots Zone Perfs 4780-4798' 4/72 A1 sds LODC sds 4912-4922' 4/40 CHRONOLOGICAL OPERATIONS SITP: SICP: **Date Work Performed:** 2/5/2008 Repair surface equipment. PWOP @ 3:00 pm w/ 102" SL & 5 SPM. Final report. **FLUID RECOVERY (BBLS)** 1101 Starting oil rec to date: Starting fluid load to be recovered: Oil lost/recovered today: Fluid lost/recovered today: 1101 Cum oil recovered: Ending fluid to be recovered: Final Fluid Rate: Final oil cut: FTP: Choke: IFL: FFL: **ROD DETAIL** COSTS **TUBING DETAIL** 1 1/2" X 22' polished rod new KB 12.00' 154 2 7/8 J-55 tbg 4878.21' 2', 4' X 3/4" ponies used TA (2.80' @ KB) 4890.21' 100-3/4" scrapered rodsused 1 2 7/8 J-55 tbg (31.50') 70- 3/4" plain rods used 20-3/4" scrapered rods used 4924.51' SN (1.10') 2 2 7/8 J-55 tbg (63.91') 6- 1 1/2" weight rods used NPC Supervisor 2 1/2' X 1 1/2" X 16' X 19.5' \$300 2 7/8 NC (.45') EOT W/ 12' KB 4989.97' RHAC pump W/ SM plunger CDI pump w/ 176" SL

Completion Supervisor: Ron Shuck

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4730'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	171' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4.	Plug #3	120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5.	Plug #4	Pump 43 sx Class "G" cement down 5 1/2" casing to 365'

The approximate cost to plug and abandon this well is \$42,000.

FEDERAL 13-24-9-16

Spud Date: 11/6/07 Put on Production: 2/5/08 GL: 5656' KB: 5668'

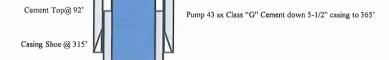
SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH: 7 jts. (302,73') DEPTH LANDED: 314.58' HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

Proposed P&A Wellbore Diagram



PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 132 jts. (5661.02')

HOLE SIZE: 7-7/8" DEPTH LANDED: 5674.27'

CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ

CEMENT TOP AT: 92'

120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below (1202'-1322')

171' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale (2525'-2696')

100' (12 sx) Class G Cement plug on top of CIBP

CIBP @ 4730' 4780-4798

4912-4922

PBTD @ 5635'

NEWFIELD

Federal 13-24-9-16 684' FSL & 423' FWL

SWSW Section 24-T9S-R16E Duchesne Co, Utah API #43-013-33342; Lease #UTU-15855 TD @ 5700'

FORM 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31,2010

SUNDRY NOTICES AND REPORTS ON WELLS

5. Lease Serial No.

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.				6. If Indian, Allottee or Tribe Name.	
abandoned w	ell. Use Form 3160-3 (APD	or such proposal	s	,	
SUBMIT IN	TRIPLICATE - Other Ins	structions on page 2		7. If Unit or CA/A	Agreement, Name and/or
1. Type of Well Oil Well Gas Well	Other			8. Well Name and	l No
2. Name of Operator	Other			FEDERAL 13-2	
NEWFIELD PRODUCTION CO				9. API Well No.	
3a. Address Route 3 Box 3630		Bb. Phone (include ar	e code)	4301333342	
Myton, UT 84052 4. Location of Well (Footage,	Sec., T., R., M., or Survey Description	435.646.3721		GREATER MB	I, or Exploratory Area
684 FSL 423 FWL	Bec., 1., 11., 11., or But vey Bescription	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		11. County or Par	***
SWSW Section 24 T9S R16E		• .		DUCHESNE, U	IT
12 CUECI	X APPROPRIATE BOX(ES)	TO INIDICATE N	ATLIDE OF NO		
	APPROPRIATE BOX(ES)			· ·	TIER DATA
TYPE OF SUBMISSION		TYP	E OF ACTION		
▼ Notice of Intent	Acidize	Deepen		(Start/Resume)	Water Shut-Off
140tice of Intent	Alter Casing	Fracture Treat	Reclamati		Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplet		Other
Final Abandonment	Change Plans X Convert to Injector	Plug & Abandon Plug Back	☐ Water Dis	ly Abandon	
	peration: (Clearly state all pertinent detail		3		
I hereby certify that the foregoing i	s true and	Title			
correct (Printed/ Typed) Jill Loyle		Regulatory Te	chnician		
Signature	ρ	Date			
	soyle	02/09/2012			
	THIS SPACE FOR	FEDERAL OR ST	ATE OFFICE	USE	
Approved by Conditions of approval, if any, are attack certify that the applicant holds legal or e which would entitle the applicant to con-	quitable title to those rights in the subject			Dat	е
Title 18 U.S.C. Section 1001 and Title 4 States any false, fictitious and fraudulent	3 U.S.C. Section 1212, make it a crime fo		willfully to make to a	ny department or ago	ency of the United



September 15, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill

Federal 9-24-9-16 Federal 13-24-9-16 Federal 10-24-9-16 Federal 11-24-9-16 Federal 12A-24-9-16 Federal 12A-24-9-16

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 13-24-9-16 and 14-24-9-16 are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Brad Mecham or myself a call.

Sincerely,

Mandie Crozier

Regulatory Specialist

mc

enclosures

RECEIVED
SEP 2 0 2006
DIV. OF OIL, GAS & MINING

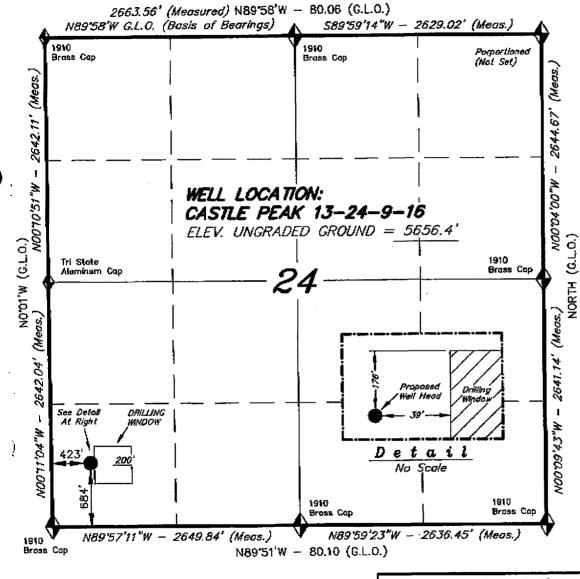
Form 3160-3 (September 2001)		1	FORM APPR OMB No. 100 Expires January	04-0136
UNITED STATES DEPARTMENT OF THE IN	5. Lease Serial No.			
BUREAU OF LAND MANAC			UTU-15855	
APPLICATION FOR PERMIT TO DR			6. If Indian, Allottee or	Tribe Name
			N/A	
la. Type of Work: DRILL REENTER	!	j	7. If Unit or CA Agreeme	ent, Name and No.
	`	1	N/A	
1b. Type of Well: 🖾 Oil Well 🚨 Gas Well 🚨 Other	Single Zone D Multip	nle Zone	8. Lease Name and Well No. Federal 13-24-9-16	
2. Name of Operator		pie Zone	9. API Well No.	<u> </u>
Newfield Production Company				13-33342
3a. Address	3b. Phone No. (include area code)		10. Field and Pool, or Expl	
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Monument Butte	
4. Location of Well (Report location clearly and in accordance with a			11. Sec., T., R., M., or Blk	and Survey or Area
At surface SW/SW 684' FSL 423' FWL 578941			O141/O141	700 D40E
At proposed prod. zone 4429180	94 -110.6750	75	SW/SW Sec. 24, T	95 K 10E
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State
Approximatley 18.4 miles southwest of Myton, Utah			Duchesne	UT
15. Distance from proposed* location to nearest	16. No. of Acres in lease	17. Spacing	Unit dedicated to this well	
property or lease line, ft.	1200.00		40 Acres	
(1110 10 1101 0115 0115 0110 1110 1110 1	1200.00	00 571475		<u> </u>
 Distance from proposed location* to nearest well, drilling, completed, 	19. Proposed Depth 20. BLM/		/BIA Bond No. on file	
applied for, on this lease, ft. Approx. 1326'	5770'	υ	TB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will start*		23. Estimated duration	
5656' GL	1st Quarter 2007		Approximately seven (7) days from s	pud to rig release.
	24. Attachments			
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, shall be att	ached to this	form:	
Well plat certified by a registered surveyor.	4. Bond to cover the	ne onerations	s unless covered by an exis	ting bond on file (see
2. A Drilling Plan.	Item 20 above).	•	difference of the oracle	ung come on me (nee
3. A Surface Use Plan (if the location is on National Forest System	Lands, the 5. Operator certification		mation and/or plans as ma	y he required by the
SUPO shall be filed with the appropriate Forest Service Office).	authorized office		induoi maor pinto ao m	y be required by an
25. Signature	Name (Printed/Typed)		Date	e
I lamid love	Mandie Crozier		<u> </u>	9/15/06
Title	1940 - F. J. 1940 - J. 194			
Regulatory Specialist			· .	
Approved by Signature	Name (Printed/Typed) BRADLEY G	. HILL	Dat	° X6-12-07
Title	On ENVIRONMENTAL N	MANAGER		
Application approval does not warrant or certify the the applicant holds le operations thereon. Conditions of approval, if any, are attached.	gal or equitable title to those rights in	the subject le	ase which would entitle the	applicant to conduct
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations as to	a crime for any person knowingly and any matter within its jurisdiction.	d willfully to	make to any department or	agency of the United

*(Instructions on reverse)

RECEIVED SEP 2 0 2006

Form 3160-3 (September 2001)			OMB No. 1004-013 Expires January 31, 20	б
UNITED STATES	EDD 108		5. Lease Serial No.	
DEPARTMENT OF THE INT	UTU-15855			
BUREAU OF LAND MANAGI			6. If Indian, Allettee or Tribe	Name
APPLICATION FOR PERMIT TO DRI	FF OK KEENIEK	1	N/A	
la. Type of Work: A DRUL. REENTER			7. If Unit or CA Agreement, N N/A	ame and No.
	нс	F	8. Lease Name and Well No.	
ih. Type of Well: 🖾 Oil Well 🚨 Gas Well 🚨 Other	🚨 Single Zone 🚨 Multip	olo Zone	Federal 13-24-9-16	
2. Name of Operator	-		9, API Well No.	
Newfield Production Company				
he' timerale	3b. Phone No. (include area code)		10. Field and Pool, or Explorate	or y
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Monument Butte 11. Sec., T., R., M., or Blk. and	Surrey of Area
4. Location of Well (Report location clearly and in accordance with a	ny State requirements.*)		11. Sec., L., K., Ph., or par. and	adive, or reci
At surface SW/SW 684' FSL 423' FWL			SW/SW Sec. 24, T9S 1	R16E
14. Distance in miles and direction from negrest town or post office*			12. County or Parish	13. State
Approximately 18.4 miles southwest of Myton, Utah			Duchesne	UT
15. Distance from proposed* location to nearest	16. No. of Acres in lease	17. Spacing	Unit dedicated to this well	
property or lease line, ft. (Also to nearest drig, unit line, if any) Approx. 684' ffise, NA' ffunit	1200.00		40 Acres	
18. Distance from proposed location*	19. Proposed Dopth	20. BLM/B	IA Band No. on file	
to nearest well, drilling, completed, applied for, on this lease, fl. Approx. 1326'	5770°	U	TB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	ırt*	23. Estimated duration	
5656' GL	1st Ovarier 2007		Approximately seven (7) days from sput to	rip telegan.
	24. Attachments			
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, shall be at	tached to this	form:	
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is an National Forest System) 	4. Bond to cover to term 20 above). 5. Operator certific	he operation	s unless covered by an existing	
SUPO shall be filed with the appropriate Forest Service Office).	6. Such other site authorized office		rmation and/or plans as may b	
25. Signature	Name (Printed/Typed)		Date	= 100
Il landa loves	Mandie Crozier		: 9/1	5/06
Title Regulatory Specialist				
Approved by (Signature)	Name (Printed/Typed)		Date	
Title	Office			
Application approval does not warrant or certify the the applicant holds to operations thereon. Conditions of approval, if any, are attached.	gal or equitable title to those rights in	n the subject l	ense which would entitle the app	licant to conduct
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulant statements or representations as to	a crime for any person knowingly a o any matter within its jurisdiction.	nd willfully to	n make to any department or age	ency of the Unite
*(Instructions on reverse)		 	heles0000000	

T9S. R16E, S.L.B.&M.



♦ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE) CASTLE PEAK 13-24-9-16 (Surface Location) NAD 83 LATITUDE = 40° 00' 39.71" LONGITUDE = 110° 04' 32.49"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, CASTLE PEAK 13-24-9-16, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 24, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT OFFE ABOVE PER WAS PREPARED FROM FIELD ROTE OF ACTUM, SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND FORRECT TO THE BEST OF MY KNOWLEDGE AND FELIEF No. 189377

TACY W.

REGISTER D LANG SURVEYOR REGISTER D LANG SURVEYOR STATE OF THE BEST OF THE STATE OF

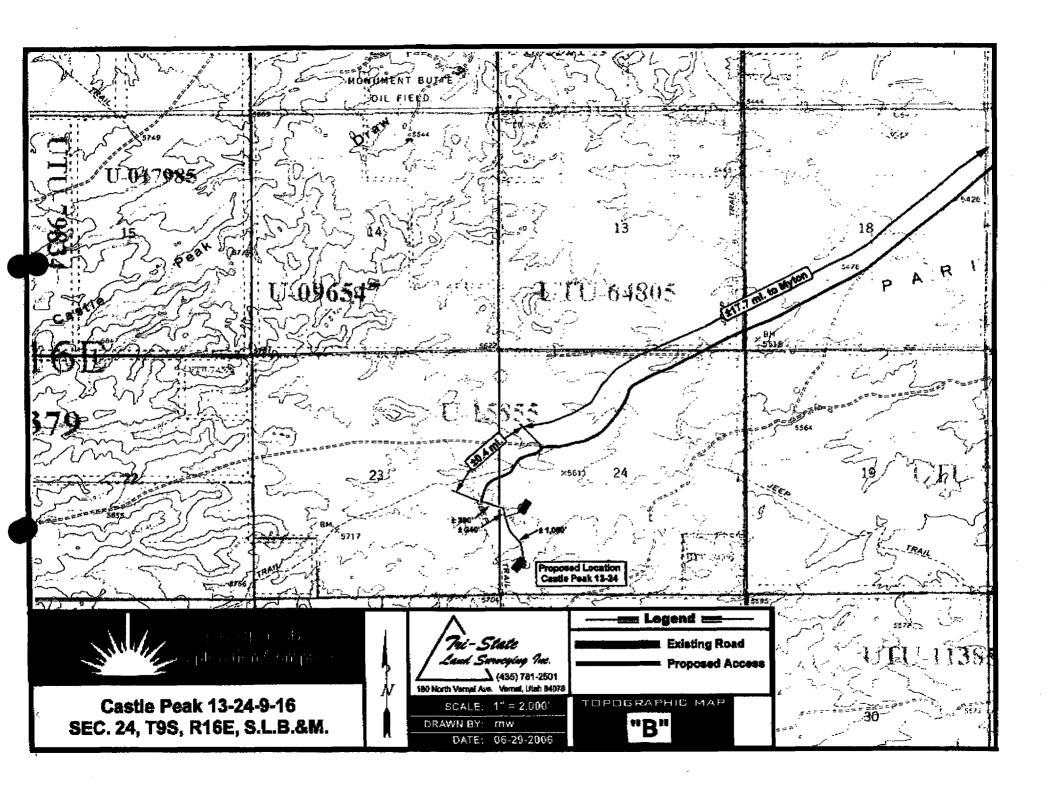
TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. — VERNAL, UTAH 84078

(435) 781-2501

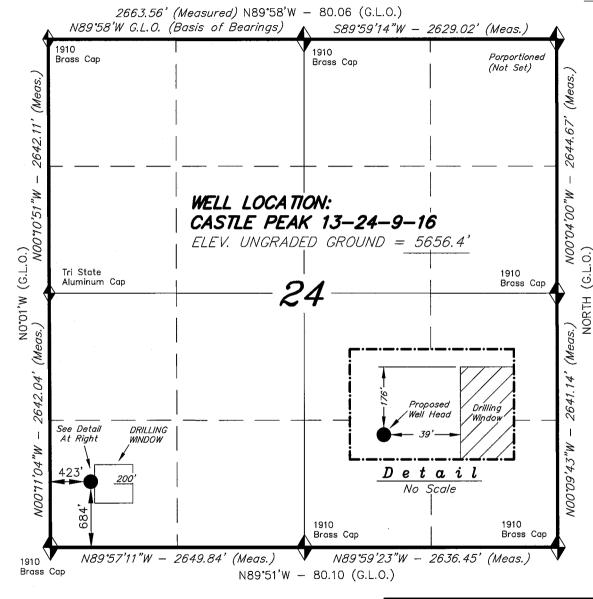
DATE SURVEYED:

SURVEYED BY: D.P.

DATE SURVEYED: 5-12-06	SURVEYED BY: D.P.
DATE DRAWN: 06-19-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'



T9S, R16E, S.L.B.&M.

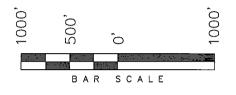


♦ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE) CASTLE PEAK 13-24-9-16 (Surface Location) NAD 83 LATITUDE = 40° 00' 39.71" LONGITUDE = 110° 04' 32.49"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, CASTLE PEAK
13-24-9-16, LOCATED AS SHOWN IN
THE SW 1/4 SW 1/4 OF SECTION 24,
T9S, R16E, S.L.B.&M. DUCHESNE COUNTY,
UTAH.





REGISTERS D LAND SURVEYOR REGISTRA RONGNO. RESISTRATE OF USAMATE O

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 5-12-06	SURVEYED BY: D.P.
DATE DRAWN: 06-19-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY FEDERAL #13-24-9-16 SW/SW SECTION 24, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta

0' - 2080'

Green River

2080;

Wasatch

5770

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2080' - 5770' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:</u>

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY FEDERAL #13-24-9-16 SW/SW SECTION 24, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. <u>EXISTING ROADS</u>

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #13-24-9-16 located in the SW 1/4 SW 1/4 Section 24, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.7 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly -4.8 miles \pm to it's junction with the beginning of the proposed access road; proceed southeasterly along the proposed access road $-1.680^{\circ}\pm$ to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. <u>WELL SITE LAYOUT</u>

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

SURFACE OWNERSHIP - Bureau Of Land Management (Proposed location and access roads leading to).

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-270, 9/7/05. Paleontological Resource Survey prepared by, Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 1,680' of disturbed area be granted in Lease UTU-15855 to allow for construction of the planned access road. Refer to Topographic Map "B". For the planned access road a width of 60' will be needed for construction purposes with a permanent width of 30' and a running surface of 18'. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 1,680' of disturbed area be granted in Lease UTU-15855 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line and 30' wide upon completion of the proposed gas lines. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 1,680' of disturbed area be granted in Lease UTU-15855 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines.

Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species None for the proposed Federal 13-24-9-16.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Western Wheatgrass

Pascopyrum Smithii

6 lbs/acre

Galletta Grass

Hilaria Jamesii

6 lbs/acre

Details of the On-Site Inspection

The proposed Federal #13-24-9-16 was on-sited on 3/22/06. The following were present; Shon Mckinnon (Newfeild Production), Nate West (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name:

Shon Mckinnon

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #13-24-9-16 SW/SW Section 24, Township 9S, Range 16E: Lease UTU-15855 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

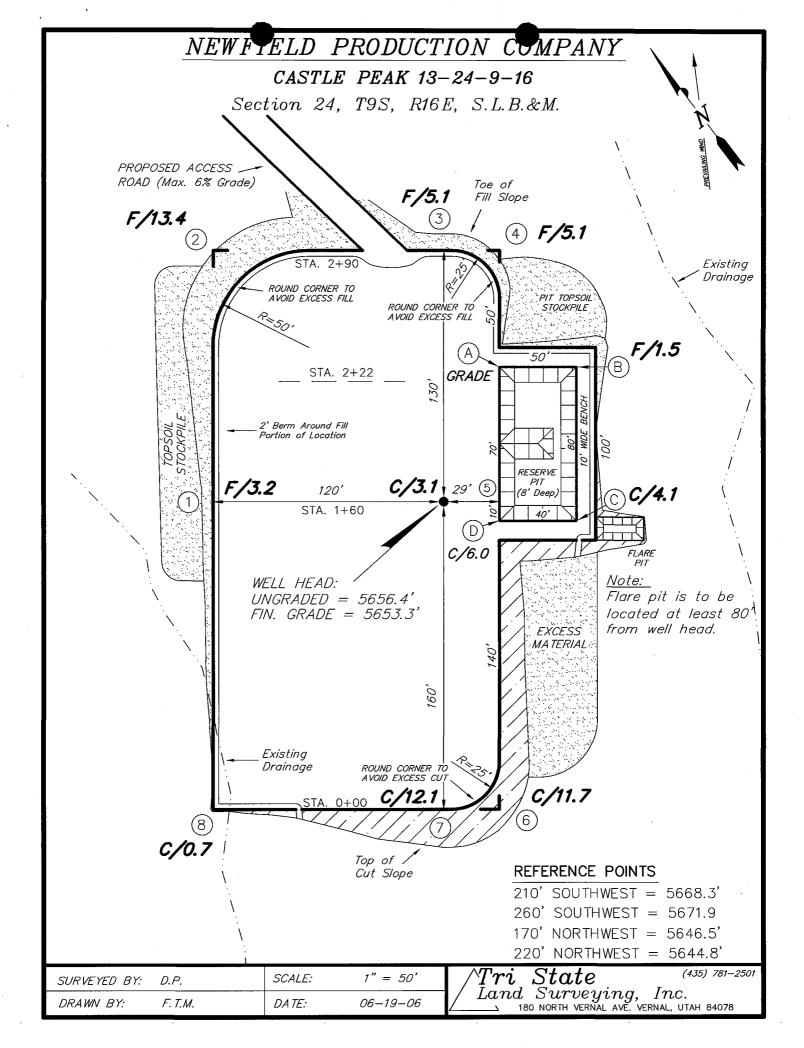
I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

9/15/06 Date

Mandie Crozier

Regulatory Specialist

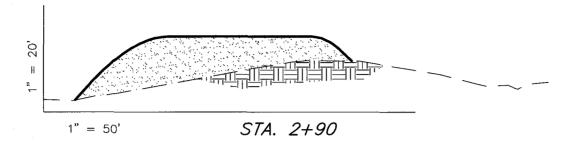
Newfield Production Company

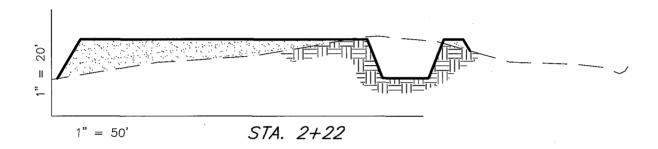


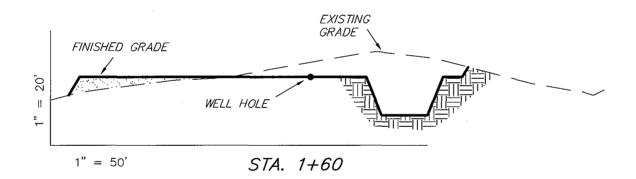
NEWFIELD PRODUCTION COMPANY

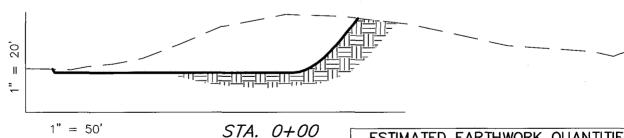
CROSS SECTIONS

CASTLE PEAK 13-24-9-16









1" = 50'

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

(Expressed iii odbie rards)					
ITEM	CUT	FILL	6" TOPSOIL	EXCESS	
PAD	4,110	4,100	Topsoil is not included	10	
PIT	640	0	in Pad Cut 64		
TOTALS	4,750	4,100	1,050	650	

NOTE: UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

SURVEYED BY:	D.P.	SCALE:	1" = 50'
DRAWN BY:	F. T.M.	DATE:	06-19-06

riangle Tri $State$	(435) 781–2501
/ Land Surveying,	Inc.
180 NORTH VERNAL AVE. VER	

NEW TELD PRODUCTION COMPANY TYPICAL RIG LAYOUT CASTLE PEAK 13-24-9-16 PROPOSED ACCESS . ROAD (Max. 6% Grade) Emergency fuel shut down STORAGE TANK Light Plant MUD PUMP 50**'** QQW ____ TOILET BENCH BASE DOG HOUSE/WATER TANK PARTS HOUSE RIG 100, RESERVE PIT (8' Deep) 120' 29 40' PIPE TUB PIPE TUB TUB CATWALK PIPE RACKS 140, 160, DATA

SURVEYED BY: D.P.	SCALE:	1" = 50'	/Tri $State$ (435) 781-2501
DRAWN BY: F.T.M.	DATE:	06-19-06	igg/ Land S' $urveying$, Inc . 180 north vernal ave. Vernal, utah 84078

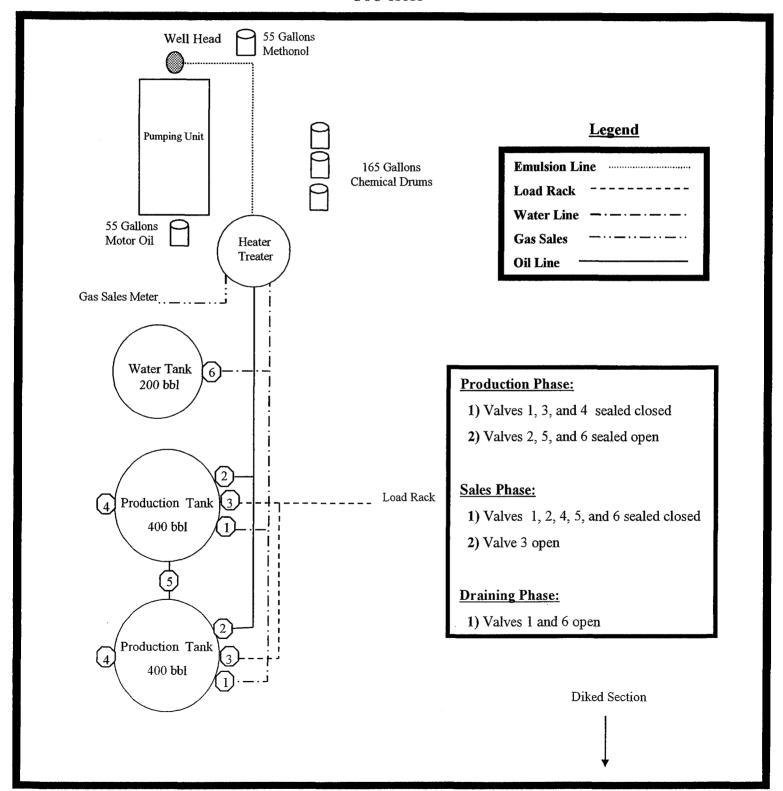
Newfield Production Company Proposed Site Facility Diagram

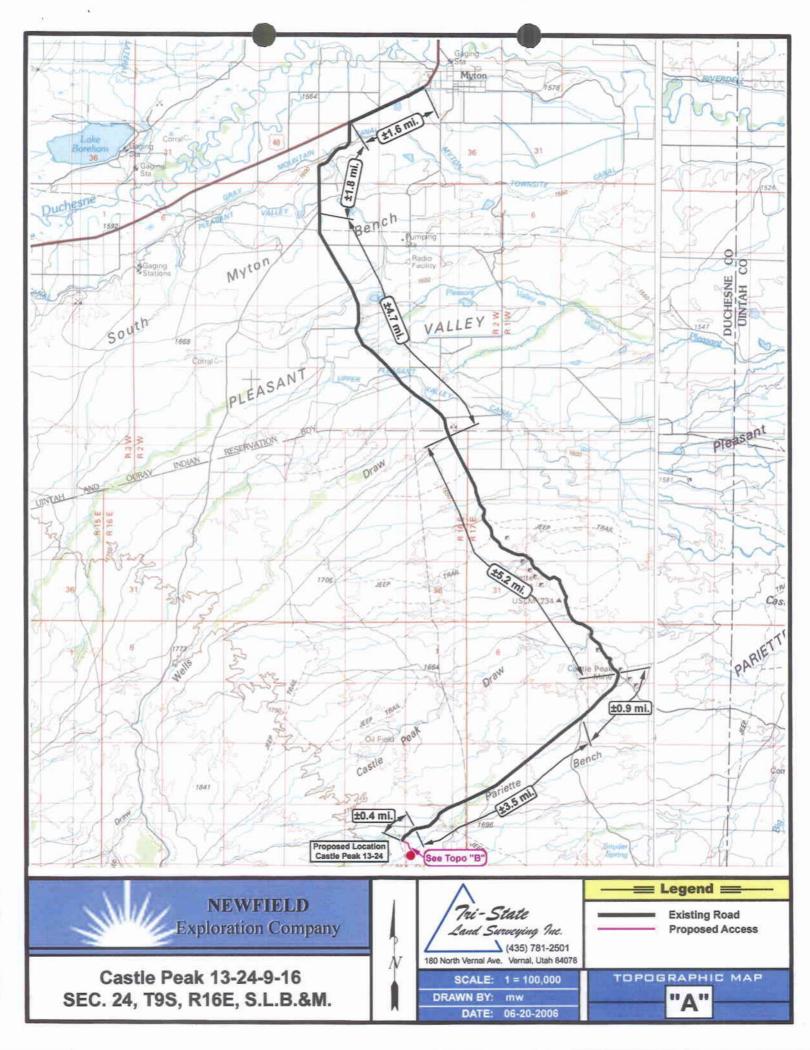
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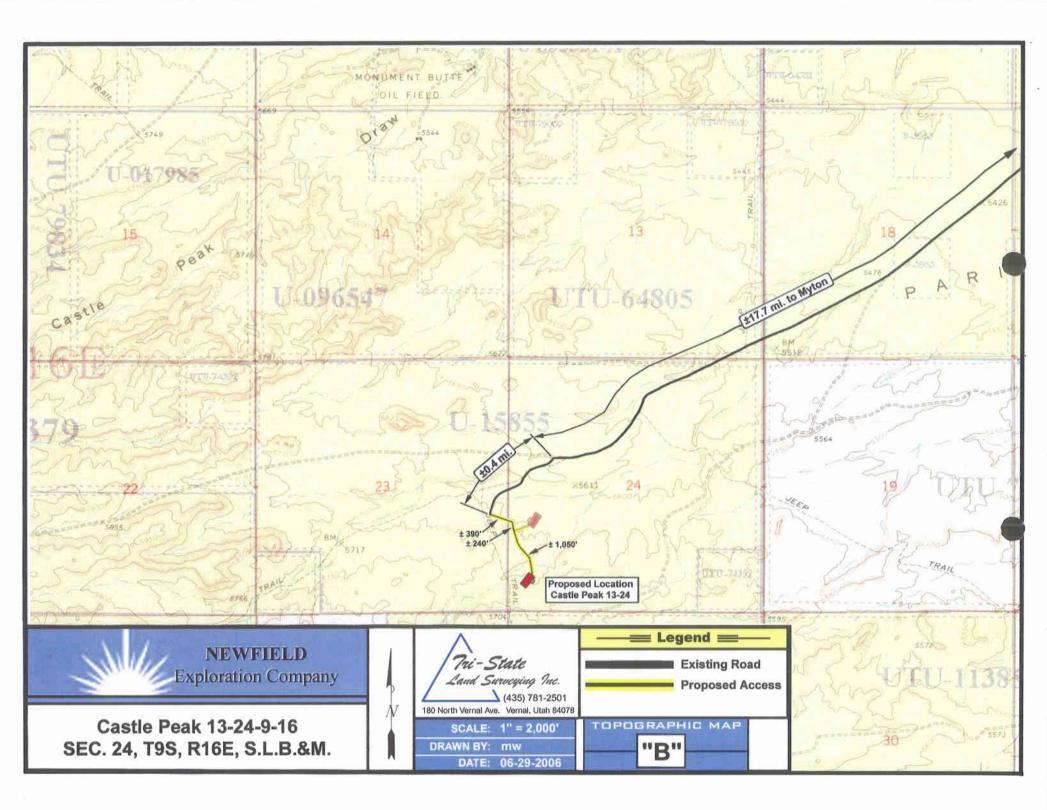
SW/SW Sec. 24, T9S, R16E

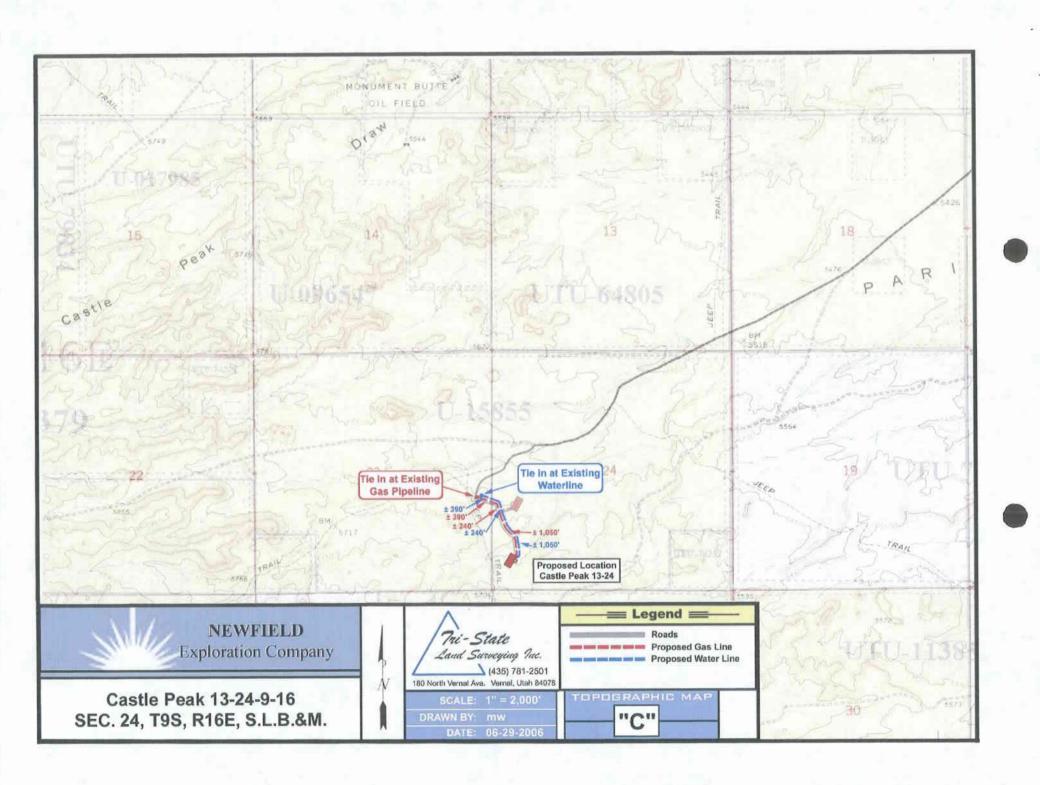
Duchesne County, Utah

UTU-15855

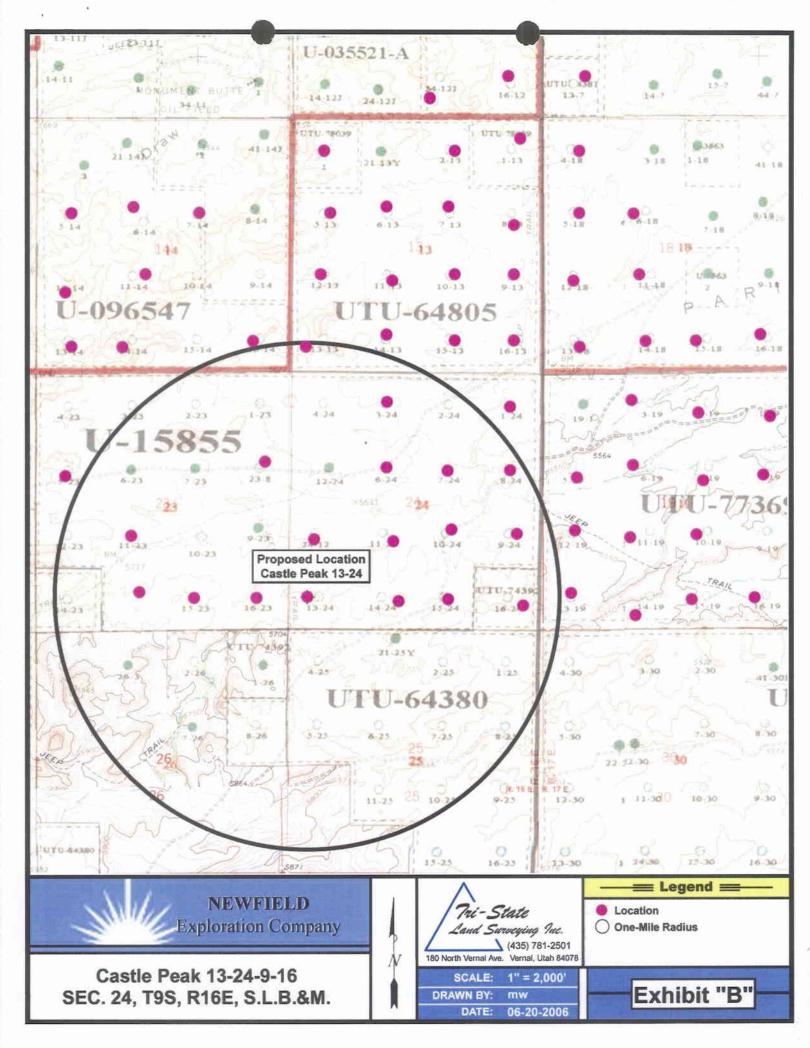








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2-M SYSTEM

Blowout Prevention Equipment Systems

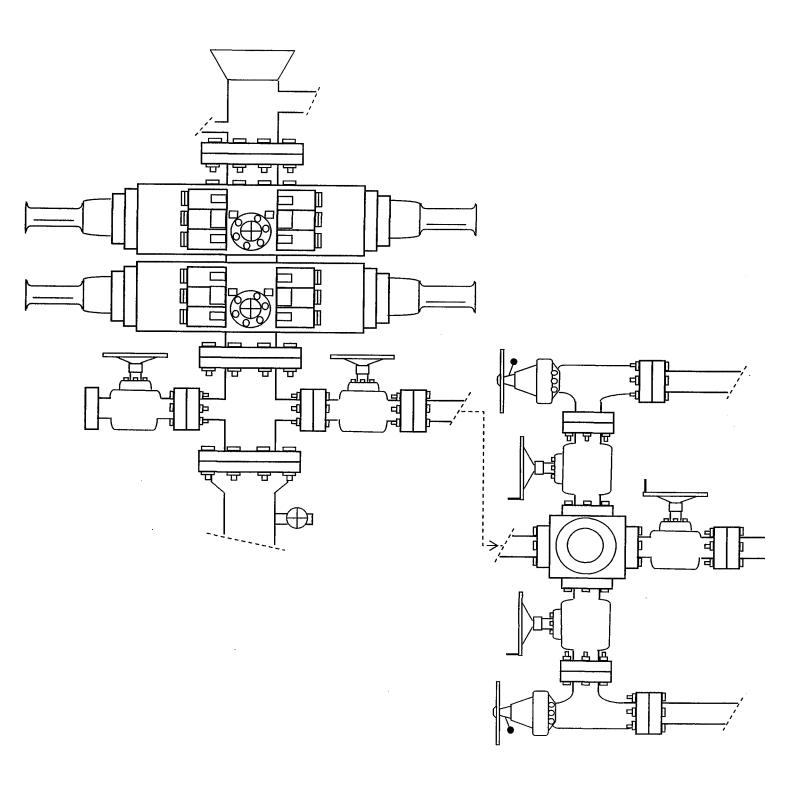


EXHIBIT C

Exhibit "D"

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S BLOCK PARCEL IN TOWNSHIP 9S, RANGE 16E, SECTION 23 and 24, DUCHESNE COUNTY, UTAH

By:

Andre' Jendresen and **Keith Montgomery**

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company Rt. 3 Box 3630 Myton, UT 84052

Submitted By:

Keith R. Montgomery Montgomery Archaeological Consultants, Inc. P.O. Box 147 Moab, Utah 84532

MOAC Report No. 05-270

September 7, 2005

United States Department of Interior (FLPMA) Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-05-MQ-0831b

NEWFIELD PRODUCTION COMPANY

PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE COUNTY, UTAH

SW 1/4, SE 1/4, and SW 1/4, Section 9 [9,11,12,13 & 14-9-9-16]; Entire Section 22 (excluding NE 1/4, NE 1/4 & NW 1/4, NW 1/4) [2,3,5 through16-9-9-16]; Entire Section 23 (excluding SE 1/4, NW 1/4, SW 1/4, NE 1/4, NE 1/4 & NW 1/4, SE 1/4) [1 through 5, 8,11 through 16-9-916]; Entire Section 24 (excluding SW 1/4, NW 1/4) [1 through 4, 6 through 16-9-9-16] all in Township 9 South, Range 16 East

REPORT OF SURVEY

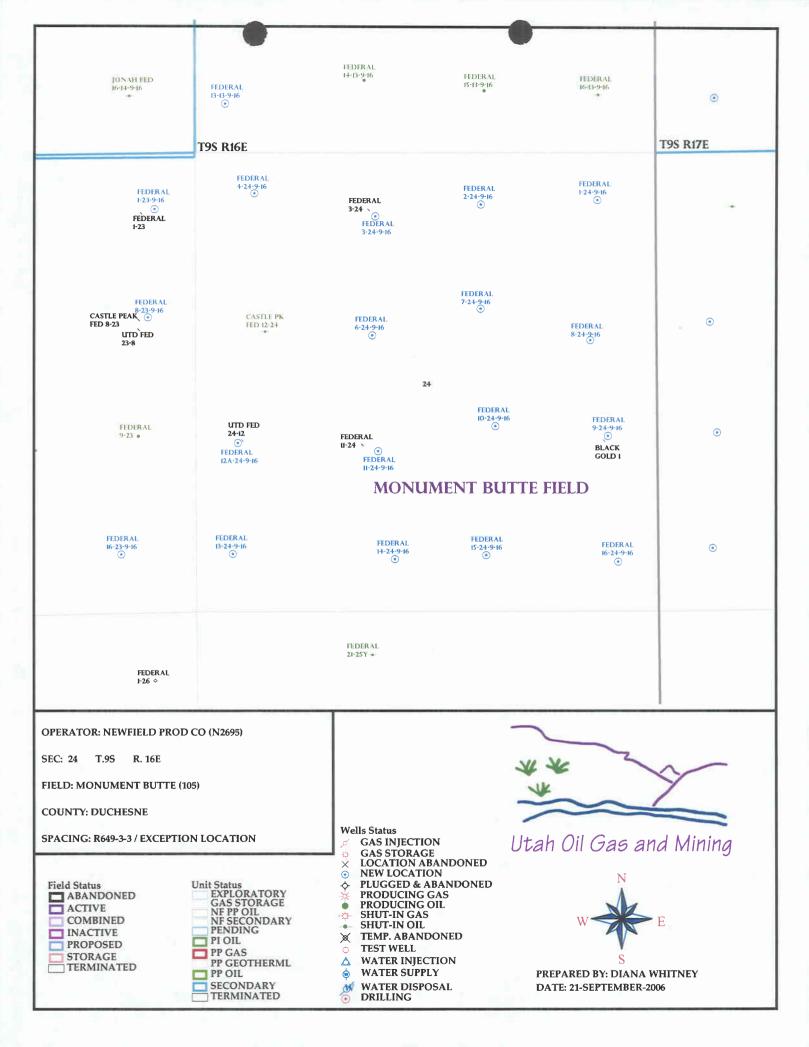
Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller Consulting Paleontologist September 28, 2005

APD RECEIVED: 09/20/2006	API NO. ASSIGNED: 43-013-33342
WELL NAME: FEDERAL 13-24-9-16 OPERATOR: NEWFIELD PRODUCTION (N2695) CONTACT: MANDIE CROZIER	PHONE NUMBER: 435-646-3721
PROPOSED LOCATION: SWSW 24 090S 160E SURFACE: 0684 FSL 0423 FWL BOTTOM: 0684 FSL 0423 FWL COUNTY: DUCHESNE LATITUDE: 40.01111 LONGITUDE: -110.0751 UTM SURF EASTINGS: 578941 NORTHINGS: 4429 FIELD NAME: MONUMENT BUTTE (105 LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-15855 SURFACE OWNER: 1 - Federal	
Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. UTB000192) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. MUNICIPAL) RDCC Review (Y/N) (Date:) The Fee Surf Agreement (Y/N) Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit:
Stipulations: 1- Jeden Object	



RECEIVED

SEP 2 6 2006

Form 319 NEW VERNAL, UTAN	FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004						
UNITED STATES DEPARTMENT OF THE IN				5. Lease Serial No.			
BUREAU OF LAND MANAG				UTU-15855			
APPLICATION FOR PERMIT TO DI		REENTER		6. If Indian, Allottee or Tribe Name N/A			
1a. Type of Work: DRILL REENTE	R			7. If Unit or CA Agreement, Name and No. N/A			
1b. Type of Well: Oil Well Gas Well Other 2. Name of Operator	X	Single Zone 🔲 Multi	ple Zone	8. Lease Name and Well 1 Federal 13-24-9-16			
Name of Operator Newfield Production Company				9. API Well No.	3242		
3a. Address	3b. Phone N	No. (include area code)		10. Field and Pool, or Expl	pratory		
Route #3 Box 3630, Myton UT 84052	(43	55) 646-3721		Monument Butte			
4. Location of Well (Report location clearly and in accordance with	any State req	uirements.*)		11. Sec., T., R., M., or Blk.	and Survey or Area		
At surface SW/SW 684' FSL 423' FWL				SW/SW Sec. 24, T	9S R16F		
At proposed prod. zone							
14. Distance in miles and direction from nearest town or post office*		12. County or Parish	13. State				
	Approximatley 18.4 miles southwest of Myton, Utah				UT		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drive unit line if any). Approx. 684' fflse, NA' ffunit				ing Unit dedicated to this well 40 Acres			
(ruso to flettest drig, drift thie, it drift)	1200.00			BIA Bond No. on file			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1326'	to nearest well, drilling, completed,				UTB000192		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Appro	ximate date work will sta	ırt*	23. Estimated duration			
5656' GL	1st Q	uarter 2007		Anoroximately seven (7) days from spuri to no release,			
	24. Att	achments		• *			
The following, completed in accordance with the requirements of Onsho	ore Oil and Ga	is Order No.1, shall be at	tached to this	s form:			
1. Well plat certified by a registered surveyor.			he operation	ns unless covered by an exist	ting bond on file (see		
2. A Drilling Plan.		Item 20 above). 5. Operator certific	· ·ution				
 A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	Lands, the	6. Such other site authorized office	specific info er.	ormation and/or plans as ma	y be required by the		
25. Signutur	Nam	e (Printed/Typed)		Date			
11 lamatoren	¦ Ma	indie Crozier			9/15/06		
Title Regulatory Specialist							
Approved by (Signature)	Nam	e (Printed Typed)					
		TERM KEWORKS	L.	,	-9-2007		
Assistant Field Manages (Lands & Mineral Resources	ino		NAL FI	ELD OFFICE	7-200-7		
Application approval does not warrant or certify the the applicant holds I operations thereon. Conditions of approval, if any, are attached.	,	•					
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitions or fraudulent statements or representations as t	a crime for a	my person knowingly arwithin its jurisdiction.		o make to any department or			
*(Instructions on reverse)							
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07PP6672A

Utah Division of
Oil, Gas and Mining
FOR RECORD

MAY 1 6 2007

DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE**

VERNAL. UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company

170 South 500 East

Location:

SWSW, Sec 24, T9S, R16E

Well No:

Federal 13-24-9-16

Lease No:

UTU-15855

API No: 43-013-33342

Agreement:

N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	435-828-7368
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Melissa Hawk	435-781-4476	435-828-7381
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	
		Fax: 435-781-4410	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

Page 2 of 8 Well: Federal 13-24-9-16 5/4/2007

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop
 work and contact the Authorized Officer (AO). A determination will be made by the AO as to what
 mitigation may be necessary for the discovered paleontologic material before construction can
 continue.

Specific Surface COAs

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lands in this lease have been identified as containing Golden Eagle and Ferruginous Hawk
 habitats. Modifications to the Surface Use Plan of Operations may be required in order to protect
 Golden Eagle and Ferruginous Hawk habitats from surface disturbing activities in accordance with
 Section 6 of the lease term, Endangered Species Act, and 43 CFR 3101.1-2.
- Timing Limitations: None as per previous field examinations and existing data.
- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc., signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- Right of way (ROW) will not be required
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods
 when the soil is too wet to adequately support vehicles and/or construction equipment. If such
 equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to
 adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.

Page 3 of 8 Well: Federal 13-24-9-16 5/4/2007

- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall
 immediately stop work that might further disturb or move such materials and contact the
 Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary
 mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The following seed mix (PLS formula) will be used for interim reclamation:

Western Wheatgrass Pascopyrum smithii) 6 lbs/acre Galleta Grass Hilaria jamesii) 6 lbs/acre Rates are set for drill seeding; double the rate if broadcasting. Reseeding may be required if initial seeding is not successful.

- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

Page 4 of 8 Well: Federal 13-24-9-16 5/4/2007

- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Olive Black.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

Page 5 of 8 Well: Federal 13-24-9-16 5/4/2007

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

• Production casing cement shall be brought up and into the surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
 daily drilling report. Components shall be operated and tested as required by Onshore Oil &
 Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
 performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
 reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
 is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
 Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

Page 6 of 8 Well: Federal 13-24-9-16 5/4/2007

- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a
 weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is
 completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 7 of 8 Well: Federal 13-24-9-16 5/4/2007

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written communication
 and must be received in this office by not later than the fifth business day following the date on which
 the well is placed on production. The notification shall provide, as a minimum, the following
 informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core

Page 8 of 8 Well: Federal 13-24-9-16 5/4/2007

data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
 Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
 future meter proving schedules. A copy of the meter calibration reports shall be submitted to the
 BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid
 hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall
 be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to
 the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first.
 All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All
 product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in
 accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
 lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a
 suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be
 obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior approval of
 the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
 approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of
 operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.



June 5, 2007

Ms. Diana Mason State of Utah, Division of Oil, Gas & Mining P.O. Box 145801 Salt Lake City, Utah 84114-5801

Re: Exception Locations: Federal 13-24-9-16 & Federal 14-24-9-16
Duchesne County, Utah
Lease UTU-15855

Dear Ms. Mason:

Pursuant to Rule R649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company, Inc. hereby requests exception locations for the drilling of the captioned wells. Rule R649-3-2 requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

- 1) Fed 13-24-9-16; (SWSW Sec 24-T9S-R16E, UTU-15855). This location is found 39' west of the drilling window tolerance. The attached plat depicts the proposed drillsite location and the deviation from the drilling window, in accordance with Rule R649-3-2. The exception location is requested due to terrain.
- 2) Fed 14-24-9-16; (SESW Sec 24-T9S-R16E, UTU-15855). This location is found 97'east of the drilling window tolerance. The attached plat depicts the proposed drillsite location and the deviation from the drilling window, in accordance with Rule R649-3-2. The exception location is requested due to the terrain.

Please note these locations are completely within Federal lease UTU-15855. Location one has the same interest in the adjacent land, the SESE Sec 23 T9S-R16E lease UTU-15855, which falls within a four hundred sixty foot (460') radius of the proposed location. Lands for the Federal 13-24-9-16 are owned by Newfield Production Company, Beehive Oil LLC and El Paso E&P Company, LP. Lands for the Federal 14-24-9-16 are owned by Newfield Production Company, El Paso E&P Company, LP, Rust to Gold LLC and Journey Properties LLC. We have contacted these owners and their consent to these locations is attached.

If you have any questions or need additional information please contact me at (303)-382-4449. Thank you for your assistance in this matter.

Sincerely,

RECEIVED

JUN 0 8 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY

Fax to: 303-893-0103

Newfield Production Company

Attn:

Marie Liley

Exception Location:

Federal 13-24-9-16

UTU-15855, Duchesne County, Utah

Please be advised that <u>Beehive OilLLC</u> does not have an objection to the proposed location of the aforementioned well.

PATRICK N/ (1) a RREAD MANAGER

Print Name and Title

Date: <u>94 May 07</u>

Fax to: 303-893-0103

Newfield Production Company

Attn:

Marie Liley

Exception Location:

Federal 13-24-9-16

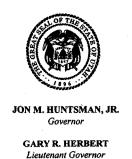
UTU-15855, Duchesne County, Utah

Please be advised that Flago E&P Company L.P. does not have an objection to the proposed location of the aforementioned well?

By: Cany B. J.M.

Date: 5|3|07

Print Name and Title





MICHAEL R. STYLER Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

June 12, 2007

Newfield Production Company Route 3 Box 3630 Myton, UT 84052

Re:

Federal 13-24-9-16 Well, 684' FSL, 423' FWL, SW SW, Sec. 24, T. 9 South, R. 16 East,

Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33342.

Sincerely,

XIIZL

Gil Hunt

Associate Director

er

Enclosures

cc:

Duchesne County Assessor

Bureau of Land Management, Vernal Office



Operator:	Newfield Production Company						
Well Name & Number	Federal 13-24-9-16						
API Number:	43-013-33342						
Lease:	UTU-15855						
Location: SW SW	Sec. 24 T. 9 South	R. 16 East					

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Co	mpany:	NEWFIELD PRODUCTION COMPANY							
Well Name:		FEDERAL 13-24-9-16							
Api No:	43-013-3334	12	Lease Type:_	FEDERAL					
Section 24	Township	09S Range_	16E Coun	ty DUC	CHESNE				
Drilling Co.	ntractor	NDSI		_RIG #	NS#1				
SPUDDE	D:								
	Date	11/06/07							
	Time	3:00 PM	_						
	How	DRY							
Drilling wi	ill Commenc	e:							
Reported by		DELL RAY							
Telephone#		(435) 828-611	10						
Date	11/07/07	Signed_	CHD						

CURRENT

ACTION

OPERATOR: NEWFIELD PRODUCTION COMPANY

OPERATOR ACCT. NO.

N2695

ADDRESS: RT. 3 BOX 3630 MYTON, UT 84052

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Signature

11/08/07

Date

NOV 0 8 2007

FORM 3160-5 September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

Same and the little same

W.

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004 5. Lease Serial No.

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Do not use t	Y NOTICES AND REPORT this form for proposals to dr rell. Use Form 3160-3 (APD)	iil or to re-en	ter an	USA UTU-158 6. If Indian, Allo	355 ttee or Tribe Name.
1. Type of Well	Patrick (1.6 Collection	siins in 797	rear after	7. If Unit or CA/	Agreement, Name and/or
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2. Name of Operator			-	FEDERAL 1	3-24-9-16
NEWFIELD PRODUCTION CO 3a. Address Route 3 Box 3630		b. Phone (inc	aluda ana anda)	9. API Well No.	
Myton, UT 84052	30	435.646.3721	lude are code)	4301333342	ol, or Exploratory Area
· · · · · · · · · · · · · · · · · · ·	Sec., T., R., M., or Survey Description			MONUMENT	• •
684 FSL 423 FWL		,		11. County or Pa	
SWSW Section 24 T9S R16E				DUCHESNE,	IT
12. CHECK	X APPROPRIATE BOX(ES)	TO INIDICA	TE NATURE	Ţ	
TYPE OF SUBMISSION	,		TYPE OF AC	TION	
□ Notice of Intent □ Subsequent Report □ Final Abandonment	Acidize Alter Casing Casing Repair Change Plans Convert to	Deepen Fracture Treat New Construct Plug & Abanct Plug Back	tion Re	oduction(Start/Resume) eclamation ecomplete emporarily Abandon ater Disposal	☐ Water Shut-Off ☐ Well Integrity ☐ Other Spud Notice
cf/ sk yeild. Returned 6	bbls cement to pit. WOC.			<u> </u>	
I hereby certify that the foregoing is	s true and	Title			
correct (Printed/ Typed)	o u uc dilu	11000			
Don Bastian			Foreman .		
Signature On Ba	stian	Date 11/09/2	007		
	- PERSONAL PER	5 06.831.3	The second of the second second		
	ed. Approval of this notice does not warra		Title	Da	te
certify that the applicant holds legal or ed	quitable title to those rights in the subject le	ease	Office		
which would entitle the applicant to cond	luct operations thereon.				
	3 U.S.C. Section 1212, make it a crime for statements or representations as to any ma			nake to any department or ag	
(Instructions on reverse)				The same of the sa	Show The

NOV 1 4 2007

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

LAST CASI	NG 8 5/8	" SET	AT 3 <u>14.58'</u>		OPERATOR	₹	NewField	Production	Company	
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DATUM TO	BRADENHI	EAD FLANGE						NDSI NS# 1	<u> </u>	
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HOLE SIZE			-							
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COMPANY REPRESENTATIVE Don Bastian

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

UTU-15855

abandoned w	ell. Use Form 3160-3 (AF	PD) for such proposals	š	6. If Indian, All	ottee or Tribe Name.	
	RIPEICAUE=Other this	tructions on reversess	ile.	7. If Unit or CA	/Agreement, Name and/or	
1. Type of Well Oil Well Gas Well	Other			8. Well Name a	nd No.	
2. Name of Operator				FEDERAL 1		
NEWFIELD PRODUCTION CO)MPANY	т		9. API Well No.		
3a. Address Route 3 Box 3630		code)	4301333342			
Myton, UT 84052	10. Field and Po	ol, or Exploratory Area				
4. Location of Well (Footage, Section of Well (Footage, Section 684 FSL 423 FWL)	Sec., T., R., M., or Survey Descrip	otion)		MONUMENT 11. County or Pa		
SWSW, Section 24 T9S R16E				DUCHESNE,		
12. CHECK	APPROPRIATE BOX(E	S) TO INIDICATE NA	TURE OF NO			
STYPE OF SUBMISSION			E OF ACTION			
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat		n(Start/Resume)	☐ Water Shut-Off ☐ Well Integrity	
☐ Subsequent Report	Casing Repair	New Construction	☐ Recomplet		Other	
	Change Plans	Plug & Abandon	= :	ly Abandon	- Other	
Final Abandonment	Convert to	Plug Back	Water Disp	-		
Bond under which the work will be p of the involved operations. If the op Final Abandonment Notices shall be inspection. Formation water is product Ashley Monument Butte,	eration results in a multiple completion	a file with BLM/BIA. Required some recompletion in a new inter- uding reclamation, have been con- tiff the production wate injection facilities by con-	subsequent reports showal, a Form 3160-4 should be open the open of the open open of the open open of the open open of the open open open open open open open ope	nall be filed within a hall be filed once to rator has determined guidelines, it ract trucks. Su	30 days following completion string has been completed. If that the site is ready for final is transported to the absequently, the	
Water not meeting quality approved surface disposa		wfield's Pariette #4 disp	osal well (Sec.	. 7, T9S R19E	E) or at State of Utah	
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hereby certify that the foregoing is	true and	Title				
Mandre Crozier		Regulatory Spec	ialist			

which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

02/07/2008

THIS SPACE CORREDDERATION STATE OF THE USE

Office

(Instructions on reverse)

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease

RECEIVED

FEB 1 1 2008

DIV. OF OIL, GAS & MINING

••	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855					
SUNDRY	Y NOTICES AND REPO	RTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	rill new wells, significantly deepen existing wells be tal laterals. Use APPLICATION FOR PERMIT TO			7. UNIT or CA AGREEMENT NAME:		
TYPE OF WELL: OIL WELL	8. WELL NAME and NUMBER: FEDERAL 13-24-9-16					
NAME OF OPERATOR:				9. API NUMBER:		
NEWFIELD PRODUCTION COM	MPANY		T	4301333342		
ADDRESS OF OPERATOR:	10. FIELD AND POOL, OR WILDCAT:					
Route 3 Box 3630 CI	TY Myton STATE UT	ZIP 84052	435.646.3721	MONUMENT BUTTE		
FOOTAGES AT SURFACE: 684 FSL 4	23 FWL			COUNTY: DUCHESNE		
OTR/OTR, SECTION, TOWNSHIP, RANGE	MERIDIAN: SWSW, 24, T9S, R16E			STATE: UT		
CHECK APPRO	PRIATE BOXES TO INDICATI	E NATURE	OF NOTICE, REPO	ORT, OR OTHER DATA		
TYPE OF SUBMISSION		TY	PE OF ACTION			
7	ACIDIZE	DEEPEN	- 	REPERFORATE CURRENT FORMATION		
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE	TREAT	SIDETRACK TO REPAIR WELL		
	CASING REPAIR	NEW CONS		TEMPORARITLY ABANDON		
Approximate date work will	1=	=				
	CHANGE TO PREVIOUS PLANS	OPERATOR		U TUBING REPAIR		
-	CHANGE TUBING	PLUG AND	ABANDON	VENT OR FLAIR		
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACI		WATER DISPOSAL		
(Submit Original Form Only)	CHANGE WELL STATUS	HANGE WELL STATUS PRODUCTION (START/STOP)				
Date of Work Completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMA	ION OF WELL SITE	OTHER: - Weekly Status Report		
02/06/2008	CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATION			
	OMPLETED OPERATIONS. Clearly show a liwent on production 2/6/08. See atta		- · · · · ·	volumes, etc.		
				4- Walter		

DATE___02/14/2008

(This space for State use only)

RECEIVED FEB | 5 2008

Daily Activity Report

Format For Sundry FEDERAL 13-24-9-16 12/1/2007 To 4/29/2008

1/23/2008 Day: 1

Completion

Rigless on 1/22/2008 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/mast & run CBL under pressure. WLTD @ 5401' & cement top @ 92'. Perforate stage #1, LODC sds @ 4912-4922' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120°) w/ 4 spf for total of 40 shots. 110 BWTR. SWIFN.

1/31/2008 Day: 2

Completion

Rigless on 1/30/2008 - RU BJ Services "Ram Head" frac flange. RU BJ & frac LODC sds, stage #1 down casing w/ 19518#'s of 20/40 sand in 315 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3037 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 3001 w/ ave rate of 23.2 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 3269. 425 bbls EWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 18' perf gun. Set plug @ 4850'. Perforate A1 sds w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 72 shots. RU BJ & frac stage #2 w/ 102,122#'s of 20/40 sand in 772 bbls of Lightning 17 frac fluid. Open well w/ 2528 psi on casing. Perfs broke down @ 4108 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2124 w/ ave rate of 23.3 bpm w/ 8 ppg of sand. ISIP was 3269. 1197 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4 hours & died w/ 280 bbls rec'd. SIFN.

2/1/2008 Day: 3

Completion

Western #4 on 1/31/2008 - Thaw well out. MIRUSU. Open well w/ 150 psi on casing. Bled well down. RD Cameron BOP's & 5K frac head. Instal 3K production tbg head & Schaefer BOP's. RU 4-3/4' Chomp bit & bit sub. Tally & pickup off trailer used string of 2-7/8", 6.5#, 8EUE, J-55 tbg. 150 jts in tag sand @ 4815'. RU pump, tanks & swivel. Circulate down to plug @ 4850'. Drlg out plug. TIH w/ tbg to tag sand @ 5473'. C/O sand to PBTD @ 5635'. LD 2 jts tbg. SIFN.

2/2/2008 Day: 4

Completion

Western #4 on 2/1/2008 - Thaw well out. Open well w/ vacuum on casing. RU swab & made 17 runs to recover 110 bbls of fluid. IFL was 100'. Last run showed trace of oil w/ no sand. FFL was 1900'. RD swab equip. TIH w/ tbg to tag no new sand. Circulate well clean @ BPTD @ 5635'. TOOH w/ tbg. LD bit & bit sub. TIH lost NC, 2 jts SN, 1jt down hole, had to make a trip w/ tbg to retrieve lost tbg. TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA CDI new 45,000# shear, 59 jts tbg. SIFN.

2/5/2008 Day: 5

Completion

Western #4 on 2/4/2008 - Open well w/ vacuum on casing. Continue TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA CDI new 45,000# shear, jts tbg. RD BOP's. Set TA @ 4890' w/ 16,000#'s tension w/ SN @ 4924' & EOT @ 4989'. Flush tbg w/ 60 bbls water. Pickup & prime pump. TIH w/ used rods string ("B" grade), 2-1/2" x 1-1/2" x 16' x 19.5' RHAC CDI new pump, 6-1-1/2" weight rods, 20-3/4" guided rods (4 per), 70-3/4" slick rods, 100-3/4" guided (4 per) rods, 2', 4' x 3/4" pony rods, 1-1/2" x 26' polish rod. Space pump. Test tbg to 800 psi w/ hot oiler. Left unit down due to surface equipment. RDMOSU.

2/7/2008 Day: 6

Completion

Western #4 on 2/6/2008 - Repair surface equipment. PWOP @ 3:00 pm w/ 102" SL & 5 SPM. Final report.

Pertinent Files: Go to File List

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* FORM APPROVED

(See other instructions ons reverse side)

OMB NO. 1004-0137 Expires: February 28, 1995

5 LEASE DESIGNATION AND SERIAL NO

U-15855

WELL C	OMPLET	ON OR	RECOMF	PLETION	REPORT A	ND LOG	* 6 IF INDIA		OR TRIBE NAME	
1a. TYPE OF WORK		~"	0.0				7 UNIT A	GREEMENT N	AME	
		WELL X	GAS WELL	DRY	Other			CASTI	E PEAK	
1b. TYPE OF WELL									AP MIPLE NO	
IXI	WORK DI	EEPEN	PLUG	DIFF				OR LEASE NAM		
2. NAME OF OPERATOR	OVER		BACK	RESVR.	Other		9 WELL N		_ 13-24-9-16	
		Newfield	Exploration	on Compar	ny			43-01	3-33342	
3. ADDRESS AND TELEPHO		17th St S	 uite 1000	Denver C	O 80202			AND POOL OR	WILDCAT ENT BUTTE	
4. LOCATION OF WELL		clearly and in acc	ordance with an	y State requirem	nents *)		11 SEC,T	, R , M , OR BL	OCK AND SURVEY	
At Surface	. 4 1		684' FSL & 4	23. FWL (SW	/SVV)	***	OR ARE		T9S, R16E	
At top prod. Interval report	ed below							<u>360.24,</u>	190, KIOL	
At total depth			14, API NO 43-0	13-33342	DATE ISSUED	6/12/07	1	Y OR PARISH	13 STATE	
15. DATE SPUDDED 16	DATE T D REACH 11/27/0		ATE COMPL (Re	ady to prod)	18 ELEVATIONS (I	DF, RKB, RT GR, E			19 ELEV CASINGHEAD	
20. TOTAL DEPTH, MD & TV		UG BACK T D , M		22 IF MULTII		23 INTERVALS	ROTARY TOOLS		CABLE TOOLS	
				HOW MAI	NY*	DRILLED BY		!		
5700'		5635				>	X			
24 PRODUCING INTERVAL(S	S), OF THIS COMPL	ETIONTOP, BO			OL 40001				25 WAS DIRECTIONAL SURVEY MADE	
,			GREEN	RIVER 478	U -4 922				NO	
26. TYPE ELECTRIC AND OT									27. WAS WELL CORED	
Dual Induction Gu	uard, SP, Co	ompensate					, Cement Bon	d Log	No	
23. CASING SIZE/GRAI	DE W	EIGHT, LB /FT		SET (MD)	port all strings set in v HOLE SIZE		EMENT, CEMENTING R	ECORD	AMOUNT PULLED	
8-5/8" - J-55 24#			314	4.58'	12 1/4	To surface w 160sx of class "G" cer				
5-1/2" J-55	5	15.5#	567	4.27'	7 7/8	300sx of Pro	Premlite & 400sx of 50/50 poz			
20		LINER REC	ממס			30.	TUBING R	FCORD		
SIZE SIZE	TOP (MD)			SACKS CEMENT	* SCREEN (MD)	SIZE	DEPTH SET		PACKER SET (MD)	
						2-7/8"	EOT @		TA @ 4890.21'	
					32.	ACID CHOT	4989.9 FRACTURE, CEM			
31. PERFORATION RECORD <u>INTER</u>			SIZE :	SPF/NUMBE					MATERIAL USED	
	C SDS 4912'-4		400	1/40	40481	40001	le (40540W)		- 1 - 04P bbb - 60 31	
		.49" 4/40 .49" 4/72			4912'-4922' 4780'-4798'		Frac w/ 19518#'s of 20/40 sand rac w/ 102122 #'s pf 20/40 sand			
		49	4/12		4/00-4/96 Tac w		7 102122 # 8 pt 20140 Sund # 7 7 2 5513 Of #			
. 							<u> </u>			
										
33.* DATE FIRST PRODUCTION	I PROD	LICTION METHO	D (Flowing, gas lift	_	UCTION			WELL ST	ATUS (Producing or shut-in)	
2/5/08	1,00				RHAC pump	w/ SM plun	ger		RODUCING	
DATE OF TEST	HOURS TES	TED CHOP		RODN FOR ST PERIOD	OILBBLS	GASMCF	WATERBBL		GAS-OIL RATIO	
10 day ave				>	378	47	386	;	270	
FLOW. TUBING PRESS	CASING PRE		ULATED	OIL-BBL.	GASMCF		WATERBBL	OIL GRAVIT	Y-API (CORR)	
		24-HC	OUR RATE		RECEIV	ED	ļ			
34. DISPOSITION OF GAS (Solo	i, used for fuel, venter			. .	-		TEST WITN	ESSED BY		
		<u> </u>	Jsed for Fu	uel	FEB 26	<u> 2008</u>				
35. LIST OF ATTACHMENTS					,	- Sittle				
36. I hereby certify that the	oregoing and attack	hed information	is complete and	correct as deter	mined from all available					
	oregoing and areac	Kei)	complete and	TITLE _	Produ	ction Tech	nician	DATE	2/21/2008	
Tammi Lee		7		-					TL	
			Can Inchmedia	se and Chases	for Additional Data o	n Payarea Sida	Δ			

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and 38. **GEOLOGIC MARKERS** recoveries); FORMATION BOTTOM TOP DESCRIPTION, CONTENTS, ETC. TOP NAME TRUE VERT. DEPTH MEAS. DEPTH Well Name Garden Gulch Mkr 3341' Federal 13-24-9-16 Garden Gulch 1 35481 Garden Gulch 2 3658' Point 3 Mkr 3898' X Mkr 4167' Y-Mkr 42001 Douglas Creek Mkr 4321' BiCarbonate Mkr 4553' B Limestone Mkr 4654' Castle Peak 5151' Basal Carbonate 5609' Wasatch 0 Total Depth (Loggers) 5684'



Well Name: Federal 13-24-9-16 LOCATION: S24, T9S, R16E COUNTY/STATE: Duchesne

API: 43-013-33342

Spud Date: 11-6-07

TD: 5700' CSG: 11-28-07 POP: 2-4-08

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
2/4/2008				1116				Waiting for final report
2/5/2008				1116				
2/6/2008	14	0	22	1094	0	0	5 3/4	
2/7/2008	24	0	94	1000	0	0	6 1/4	
2/8/2008	24	0		1000	_0	0	6 1/4	Water was hauled no ticket left.
2/9/2008	24	125	0	1000	0	0	6 1/4	
2/10/2008	24	68	0	1000	1	0	6 1/4	
2/11/2008	24	25	67	933	4	50	6 1/4	
2/12/2008	24	7	43	890	5	55	6 1/4	
2/13/2008	24	33	0	890	0	50	5 3/4	
2/14/2008	24	80	70	820	5	50	5 3/4	
2/15/2008	24	10	60	760	11	50	5 3/4	
2/16/2008	24	30	20	740	10		6 1/4	
2/17/2008	24	20	10	730	11		6 1/4	
2/18/2008	24	0	71	659	11		5 3/4	
2/19/2008	24	60	3	656	9	30	5 3/4	
2/20/2008				656				
2/21/2008				656				
2/22/2008				656				
2/23/2008				656				
2/24/2008				656				
2/25/2008				656				
2/26/2008				656				
2/27/2008				656				
2/28/2008				656				
2/29/2008				656				
3/1/2008				656				
3/2/2008	$\neg \neg$			656				
3/3/2008	$\neg \neg$			656				
3/4/2008	一寸		1	656				
3/5/2008				656				
3/6/2008				656				
		458	460		67			

24900





DIV. OF OIL, GAS & MINING

February 9, 2012

Mr. Mark Reinbold State of Utah Division of Oil, Gas and Mining 1594 W North Temple Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well

Federal #13-24-9-16

Monument Butte Field, Lease #UTU-15855

Section 24-Township 9S-Range 16E

Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #13-24-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg Regulatory Lead

NEWFIELD PRODUCTION COMPANY APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

FEDERAL #13-24-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #UTU-15855

FEBRUARY 9, 2012

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STATE OF UTAH DIVISION OF OIL, GAS AND MINING

ADDRESS

APPLICATION FOR INJECTION WELL - UIC FORM 1

1001 17th Street, Suite 2000

Denver, Colorado 80202

OPERATOR Newfield Production Company

					-				
Well Name and nun	nber:	Federal #	13-24-9-16						
Field or Unit name:	Monument B	utte (Green	River)				Lease No.	UTU-158	55
Well Location: QQ	SWSW	section	24	township	98	_range	16E	county	Duchesne
Is this application fo	or expansion o	f an existin	g project?			Yes [X]	No []		
Will the proposed w	ell be used for	r:	Disposal'	d Recovery?		Yes[]	No [X]		
Is this application for If this application is has a casing test Date of test: API number: 43-0	for an existing been performe	well,							
Proposed injection in Proposed maximum Proposed injection at mile of the well.	injection:	from rate [x] oil, [] (to I pressure 「] fresh wa	5635 2459 ater within	_ _psig 1/2			
	IMPORT	ANT:		al information ny this form.	as require	d by R615	-5-2 should		
List of Attachments:		Attachmer	nts "A" thro	ough "H-1"		<u>. </u>			
Title Reg	ort is true and Sundberg ulatory Lead 8) 893-0102	complete t	o the best	of my knowle Signature Date	edge.	for the second			
(State use only) Application approve Approval Date	d by					_Title -			
Comments:				_					

FEDERAL 13-24-9-16

Spud Date: 11/6/07 Put on Production: 2/5/08 GL: 5656' KB: 5668'

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH: 7 jts. (302.73') DEPTH LANDED: 314,58' HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15,5#

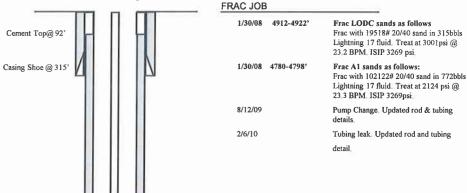
LENGTH: 132 jts. (5661,02')

HOLE SIZE: 7-7/8" DEPTH LANDED: 5674,27'

CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 92'

SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 154 jts (4867_6') TUBING ANCHOR: 4879.6' NO OF JOINTS: 1 jts (30,3') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4912.7' KB NO. OF JOINTS: 2 jts (63.9') TOTAL STRING LENGTH: EOT @ 4978' Proposed Injection Wellbore Diagram



PERFORATION RECORD 4780-4798' 4 JSPF 72 holes

4912-4922' 4 JSPF 40 holes



Federal 13-24-9-16 684' FSL & 423' FWL SWSW Section 24-T9S-R16E Duchesne Co, Utah API #43-013-33342; Lease #UTU-15855



TD @ 5700'

Packer @ 4730' 4780-4798'

PBTD @ 56351

4912-49221

WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
 - 2.1 The name and address of the operator of the project.

Newfield Production Company 1001 17th Street, Suite 2000 Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #13-24-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #13-24-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3657' - 5635'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3339' and the TD is at 5700'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Federal #13-24-9-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #UTU-15855) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24# surface casing run to 315' KB, and 5-1/2", 15.5# casing run from surface to 5674' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2459 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #13-24-9-16, for existing perforations (4780' - 4912') calculates at 0.95 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2459 psig. We may add additional perforations between 3339' and 5700'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #13-24-9-16, the proposed injection zone (3657' - 5635') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-9.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

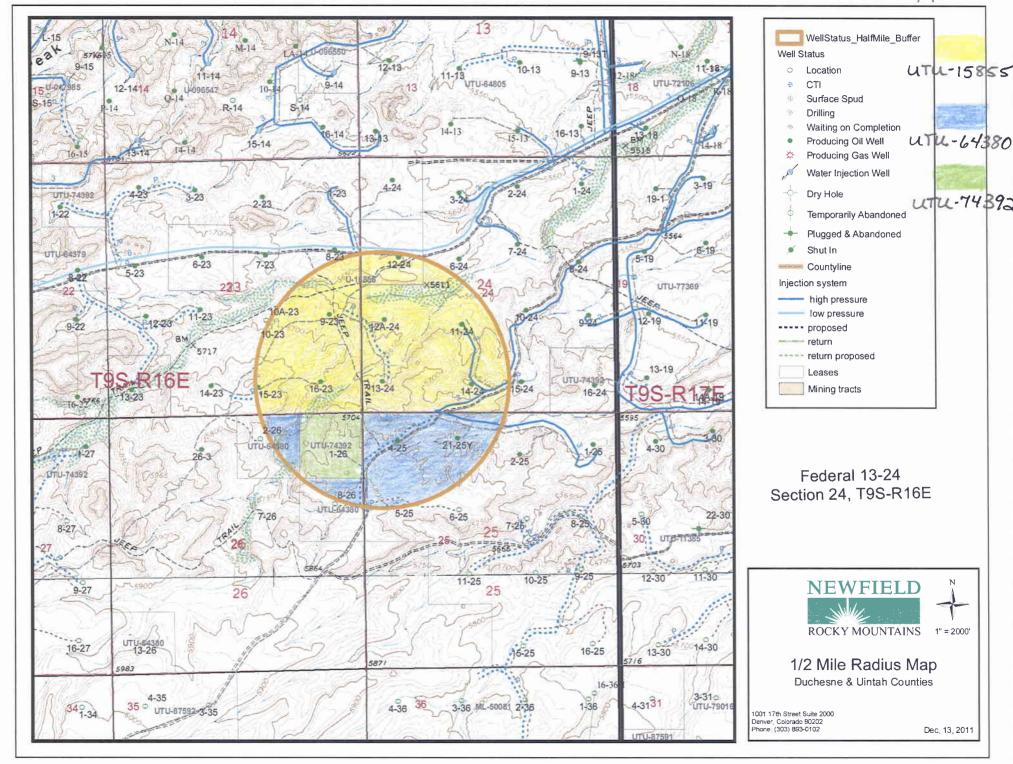
2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.

ATTACHMENT A



T9S, R16E, S.L.B.&M.

2663.56' (Measured) N89'58'W - 80.06 (G.L.O.) N89'58'W G.L.O. (Basis of Bearings) S89'59'14"W - 2629.02' (Meas.) Perpartioned Brass Cap Brass Cap (Not Set) W"12'07'00V WELL LOCATION: CASTLE PEAK 13-24-9-16 ELEV. UNGRADED GROUND = 5656.4 1910 Tri Slate Brass Cop Aluminum Cap NO.01 W Proposed See Detail DRILLING At Right MADON W" 40' 1 FOON Detail No Scale 1910 1910 Bross Cop Bross Cop N89'59'23"W - 2636.45' (Meas.) N89'57'11"W - 2649.84' (Meas.) 1910 Bross Cop N89'51'W - 80.10 (G.L.O.)

(Surface Location)

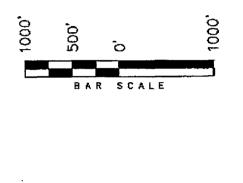
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

= SECTION CORNERS LOCATED

CASTLE PEAK 13-24-9-16 NAD 83 LATITUDE = 40° 00' 39.71" LONGITUDE = 110 04' 32.49"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, CASTLE PEAK 13-24-9-16, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 24. T9S. R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PORT VIPE PREPARED FROM FIELD ACTUMENT OF ACTUMENT AND SOFT ACTUMENT ACTUMENT AND SOFT ACTUMENT ACTUMENT AND SOFT ACTUMENT ACTUM

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 5-12-06	SURVEYED BY: D.P.
DATE DRAWN: 06-19-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 23: E2, NW, E2SW, NWSW	UTU-15855	Newfield RMI LLC	
	Section 24: N2, SW, N2SE, SWSE	НВР	Bee Hive Oil LLC	
			Journey Properties LLC	
			King Oil & Gas of Texas LTD	
			Six Gold Oil LLC	
			Stone Energy Corp	
2	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 25: N2, NESW, SE	UTU-64380	Newfield RMI LLC	
	Section 26: NWNE, SENE, SWSW	НВР	Yates Petroleum Corp	
		·		
3	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 21: S2	UTU-74392	Newfield RMI LLC	
	Section 22: NENE, S2	НВР	ABO Petroleum Corp	
	Section 23: SWSW		MYCO Industries Inc	
	Section 24: SESE		OXY Y-1 Company	
	Section 26: NENE		Yates Petroleum Corp	
	Section 27: All			
	Section 28: All			

Federal 13-24 Page 1 of 1

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE:	Federal #13-24-9-16
	by certify that a copy of the injection application has been provided to all surface owners within a all finite radius of the proposed injection well.
Signed	Newfield Production Company Eric Sundberg Regulatory Lead
Sworn	to and subscribed before me this 9th day of February, 2012.
Notary	Public in and for the State of Colorado: Availed J. Juilty My Commission Expires
Mr. Ca	02/10/2013

My Commission Expires:_





Frac LODC sands as follows

Frac A1 sands as follows: Frac with 102122# 20/40 sand in 772bbls

23.3 BPM. ISIP 3269psi.

Frac with 19518# 20/40 sand in 315bbls

Lightning 17 fluid. Treat at 3001psi @ 23.2 BPM, ISIP 3269 psi

Lightning 17 fluid. Treat at 2124 psi @

Pump Change. Updated rod & tubing

Tubing leak Updated rod and tubing

FRAC JOB

8/12/09

2/6/10

4912-4922'

1/30/08 4780-4798

FEDERAL 13-24-9-16

Spud Date: 11/6/07 Put on Production: 2/5/08 GL: 5656' KB: 5668'

Wellbore Diagram

Cement Top@ 92'

Casing Shoe @ 315'

SN @ 4913'

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH: 7 jts. (302.73') DEPTH LANDED: 314.58'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 132 jts. (5661,02') HOLE SIZE: 7-7/8" DEPTH LANDED: 5674.27'

CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ

CEMENT TOP AT: 92'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6,5#
NO. OF JOINTS: 154 jts (4867.6')
TUBING ANCHOR: 4879.6'
NO. OF JOINTS: 1 jts (30,3')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4912.7' KB
NO. OF JOINTS: 2 jts (63,9')
TOTAL STRING LENGTH: EOT @ 4978'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod

SUCKER RODS: 1-2' x ¾" pony rods, 2- 16' x ¾" pony rods, 98- ¾" scrapered rods, 50- ¾" plain rods, 41- ¾" scrapered rods, 6- 1 ½" weight bars

PUMP SIZE: 2-1/2" x 1-1/2" x16'X 20' RHAC

LENGTH: 102"
PUMP SPEED, SPM: 5

4780-4798' Anchor @ 4880' 4912-4922' 4912-4922' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798' 4780-4798'

EOT @ 4978'

PBTD @ 5635'

TD @ 5700'

NEWFIELD

Federal 13-24-9-16

684' FSL & 423' FWL SWSW Section 24-T9S-R16E Duchesne Co, Utah API #43-013-33342; Lease #UTU-15855

FEDERAL 15-23-9-16

Spud Date: 11/26/07 Put on Production: 3/14/08

GL: 5784' KB: 5796'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH 7 jts. (310-15')
DEPTH LANDED 322-00" KB

HOLE SIZE 12-1/4

CEMENT DATA 1- 160 sxs Class "G" cmt_est 5 bbls cmt to surf

FRAC JOB

03/11/08 4597-4606

03/11/08 3956-3969

01/07/08 5345-5368' Frac CP2 sands as follows:
73000# 20/40 sand in 603 bbls Lightning 17
frac fluid. Treated @ avg press of 1939 psi
w/avg rate of 23 2 BPM. ISIP 2177 psi

03/11/08 5006-5014' Frac LODC sands as follows:

40149# 20/40 sand in 417 bbl Lightning 17 frac fluid. Treated @ avg press of 2660 psi w/avg rate of 26.2 BPM, ISIP 3080 psi. Frac C sands as follows:

15394# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 2078 psi w/avg rate of 23.3 BPM. ISIP 2078 psi. Frac GB6 sands as follows:

79237# 20/40 sand in 602 bbls Lightning 17 frac fluid, Treated @ avg press of 1468 psi w/avg rate of 26.2 BPM, ISIP 1460 psi.

03/11/08 3867-3906'

Frac GB4 & GB2 sands as follows: 25572# 20/40 sand in 325 bbls Lightning 17 frac fluid, Treated @ avg press of 1710 psi w/avg rate of 25.9 BPM. ISIP 1585 psi.

12/30/08

3867-3873

3897-3906

3956-3969

4597-4606

Anchor @ 4988'

5006-5014

EOT @ 5087'
PBTD @ 5300

CIBP @ 5300'

5345-5368' SHOE @ 5793'

TD @ 5800'

Parted rods Updated r & t details

Tubing Leak Updated R & T details

PRODUCTION CASING

CSG SIZE: 5-1/2[†] GRADE: J-55 WEIGHT: 15.5#

LENGTH 136 jts (5779 63') DEPTH LANDED 5792 88 KB

HOLE SIZE 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ

CEMENT TOP: 156

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6 5#

NO. OF JOINTS 158 jts (4964 4")

TUBING ANCHOR: 4976 4" KB

NO. OF JOINTS 1 jts (31 4")

SEATING NIPPLE 2-7/8" (1 10")

SN LANDED AT 5010 6" KB

NO. OF JOINTS 2 jts (62 7")

TOTAL STRING LENGTH: EOT @ 5075" KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods

SUCKER RODS: $1 - 3/4^{\circ} = 2^{\circ}$ pony rods; $194 - 3/4^{\circ} = 4850^{\circ}$ guided rods; $6 - 172^{\circ} = 150^{\circ}$ weight rods

PUMP SIZE CDI 2-1/2" x 1-1/2" x 14x 18" RHAC

STROKE LENGTH 102

PUMP SPEED, 5 SPM

PERFORATION RECORD

 5345-5368'
 4 JSPF
 92 holes

 5006-5014'
 4 JSPF
 32 holes

 4597-4606"
 4 JSPF
 36 holes

 3956-3969"
 4 JSPF
 52 holes

 3897-3906"
 4 JSPF
 36 holes

 3867-3873"
 4 JSPF
 24 holes

NEWFIELD

FEDERAL 15-23-9-16

603' FSL & 2162' FEL

SW/SE Section 23-T9S-R16E

Duchesne Co. Utah

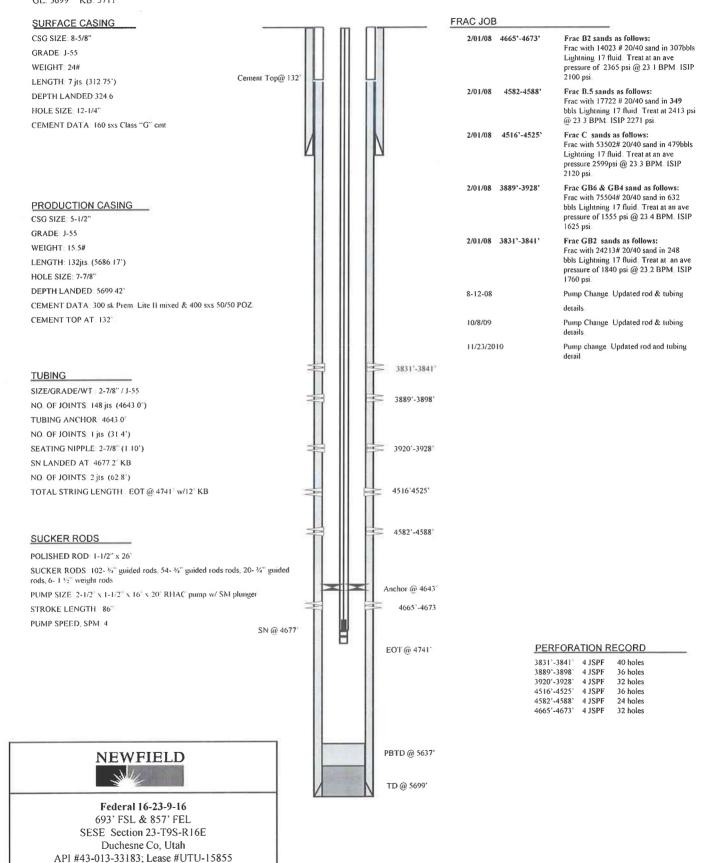
API #43-013-33182; Lease # UTU-15855

ATTACHMENT E-2

Federal 16-23-9-16

Spud Date: 11-13-07 Put on Production: 2-06-08 GL: 5699' KB: 5711'

Wellbore Diagram



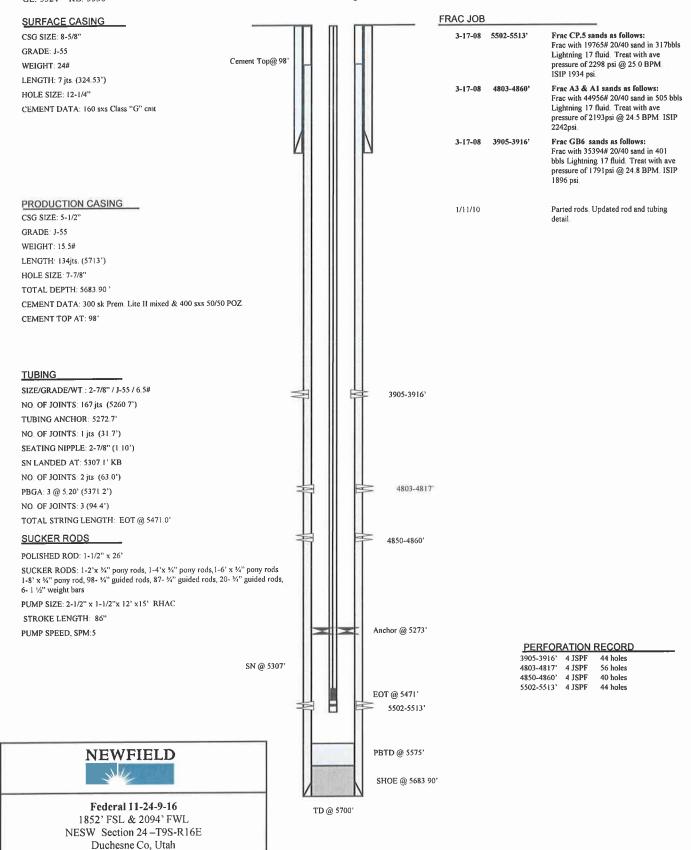
Attachment E-3

Federal 11-24-9-16

Spud Date: 1/28/08 Put on Production: 03/27/08 GL: 5524' KB: 5536'

API #43-013-33340; Lease UTU-15855

Wellbore Diagram



FEDERAL 12A-24-9-16

Spud Date: 11/05/07 Put on Production: 01/26/08

GL: 5640' KB: 5652'
SURFACE CASING

Wellbore Diagram

Cement Top @ 112'

Initial Production: BOPD MCFD, BWPD

FRAC JOB

01/22/2008 4806-4820

Frac A1 sands as follows: 70235# 20/40 sand in 570 bbls Lightning 17 frac fluid. Treated @ avg press of 1932 psi w/avg rate of 23.3 BPM. ISIP 2247 psi

01/22/2008 3897-3938' Frac GB6 sands as

Frac GB6 sands as follows: 64050# 20/40 sand in 507 bbl Lightning 17 frac fluid Treated @ avg press of 1813 psi w/avg rate of 23 3 BPM. ISIP 1701 psi

WEIGHT 24#

LENGTH 7 jts (306 37')

DEPTH LANDED: 318 22 KB

HOLE SIZE 12-1/4"

CSG SIZE: 8-5/8"

GRADE: J-55

CEMENT DATA 1- 160, sxs Class "G" cmt, est 0 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE J-55

WEIGHT 15.5#

LENGTH: 147 jts. (5692.63')

DEPTH LANDED 5705.88' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ

CEMENT TOP 112

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6 5#

NO OF JOINTS 152 jts (4778.87')

TUBING ANCHOR: 4790 87' KB

NO OF JOINTS 1 jts (31 42')

SEATING NIPPLE 2-7/8"(1-10')

SN LANDED AT: 4825 09' KB

NO OF JOINTS 2 jts (62 86')

TOTAL STRING LENGTH EOT @ 4889 50' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM polished rods

SUCKER RODS 1-2', 4', 8'x 3/4" pony rods, 99-3/4" guided rods, 67-3/4" plain rods, 20-3/4" guided rods, 6-1 'z weight rods

PUMP SIZE CDI 2-1/2" x 1-1/2" x 14" RHAC

STROKE LENGTH 86"

PUMP SPEED, 5 SPM

3931-3938 Anchor @ 4791' 4806-4820'

3897-3905

EOT @ 4890'

PBTD @ 5641'

SHOE @ 5706'

TD @ 5725'

SN 4825'

NEWFIELD

FEDERAL 12A-24-9-16

1951' FSL & 482' FWL

NW/SW Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33341; Lease # UTU-15855

PERFORATION RECORD

4806-4820' 4 JSPF 56 holes 3931-3938' 4 JSPF 28 holes 3897-3905' 4 JSPF 32 holes

Attachment E-5

Federal 14-24-9-16

Spud Date: 1/18/08 Put on Production: 3/25/08 GL: 5704' KB: 5716'

Duchesne Co, Utah

API #43-013-33343; Lease UTU-15855

Wellbore Diagram

SURFACE CASING FRAC JOB 3-15-08 5547-5567 Frac CP5 Sands as follows: CSG SIZE:8 5/8" GRADE: J-55 90,237# 20/40 sand in 711 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1817 w/ ave rate of 23.4 bpm w/ 8 ppg of sand ISIP Cement Top @ 144 WEIGHT: 24# was 2069 Actual Flush: 5082 gal LENGTH: 323 3-15-08 5353-5361' Frac stage #2 as follows: HOLE SIZE: 12 1/4" 14,734# 20/40 sand in 284 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2150 w/ ave rate of 23 4 bpm w/ 6.5 ppg of sand ISIP CEMENT DATA: To surface with 160 sx Class "G" cmt was 1989 Actual Flush: 4872 gal 3-15-08 5226-5233' Frac stage #3as follows: 15,212# 20/40 sand in 283 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2379 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 2268 Actual Flush: 4746 gal 3-15-08 4837-4846 Frac stage #4 as follows: No breakdown or Frac PRODUCTION CASING 3-15-08 4576-4591 Frac stage #5 as follows: CSG SIZE: 5-1/2" 70,586# 20/40 sand in 574 bbls of Lightning 17 frac fluid. Treated @ GRADE: J-55 ave pressure of 2299 w/ ave rate of 23 3 bpm w/ 8 ppg of sand ISIP was 2299 Actual Flush: 4074 gal WEIGHT:15.5# 3-15-08 3900-3998' Frac stage #6 as follows: LENGTH: 134 jts (5689.43') 121,107# 20/40 sand in 849 bbls of Lightning 17 frac fluid Treated @ HOLE SIZE: 7-7/8" ave pressure of 2299 w/ ave rate of 26 bpm w/ 8 ppg of sand. ISIP was TOTAL DEPTH: 5745 1794. Actual Flush: 3780 gal CEMENT DATA: 300 sx Premlite II and 400 sx 50/50 Poz 11/10/08 Tubing Leak Updated rod &tubing details CEMENT TOP AT: 144 7/27/2010 Pump change. Updated rod and tubing 3900-3915 3957-3970 **TUBING** SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# 3988-3998 NO OF JOINTS: 175 jts (5495') 4576-4591 **TUBING ANCHOR: 5495** NO OF JOINTS: 1 its (31 4') 4837-4846' No Breakdown or Frac SEATING NIPPLE: 2-7/8" (1:10') SN LANDED AT: 5529 1' KB NO. OF JOINTS: 1 it (31.4') 5226-5233 TOTAL STRING LENGTH EOT @ 5562' 5353-5361 SUCKER RODS POLISHED ROD: 1-1/2" x 26 SUCKER RODS: 2-8' x ½" pony rods, 1-6' x ½" pony rod, 1-8' x ½" pony rod, 99-¾" guided rods, 80-¾" sucker rods, 35-¾" guided rods, 6-1½" PUMP SIZE: 2-1/2" x 1-1/2"x 16' x 20' RHAC pump - CDI pump w/sm STROKE LENGTH: 86" Anchor @ 5495 PUMP SPEED, SPM: 5 PERFORATION RECORD 5547-5567 3/15/08 3900-3915' 4 JSPF 60 holes 3/15/08 3957-3970' 4 JSPF 3/15/08 3988-3998' 4 JSPF 52 holes SN @ 5529' 40 holes 4 JSPF EOT @ 5562 3/15/08 4576-4591' 60 holes 3/15/08 4837-4846' 4 JSPF 36 holes (No frac) 3/15/08 5226-52331 4 JSPF 28 holes 5353-53611 3/15/08 4 JSPF 32 holes 3/15/08 5547-5567' 4 JSPF NEWFIELD PBTD @5701' TD @57423 Federal 14-24-9-16 617' FSL & 2285' FWL SE/SW Section 24 - T9S-R16E

Attachment E-6

Federal 4-25-9-16

Spud Date: 11/5/2008 Put on Production: 1/9/2009

GL: 5765' KB: 5777'

SURFACE CASING

CSG SIZE: 8-5/8" GRADE - J-55 WEIGHT: 24# LENGTH: ? jts (303.58')

DEPTH LANDED: 313,58' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx class 'g

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 8 jts (6001.18')
DEPTH LANDED: 5699.87'
HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sx primlite and 400 sx 50/50 poz

CEMENT TOP AT: 120'

TUBING

SIZE/GRADE/WT.; 2-7/8" / J-55
NO. OF JOINTS. 159 jts (4951')
TUBING ANCHOR. 4963' KB
NO. OF JOINTS: 1jt (31.4')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT. 4997' KB
NO. OF JOINTS: 2 jts (62.8')
TOTAL STRING LENGTH: EOT @ 5062'

SUCKER RODS

POLISHED ROD 1 1/2" x 26'

SUCKER RODS: 98-3/4" guided rods, 74-3/4" guided rods, 20-3/4" guided rods, 6-1 ½" sinker bars

PUMP SIZE CDI 2 1/2" x 1 1/2" x 16' x 20' RHAC rod pump

STROKE LENGTH: 178" PUMP SPEED, SPM: 2

NEWFIELD

Federal 4-25-9-16

554' FNL & 733' FWL

NW/NW Section 25-T9S-R16E

Duchesne Co, Utali

API # 43-013-33555; Lease # UTU-64380

Wellbore Diagram

FRAC JOB

1/5/09 4967-4974' Frac LODC sds as follows: w/ 24,518#s of 20/40 sand in 362 bbls of Lightning 17 fluid Broke @ 3312 psi Treated w/ ave pressure of 2480 psi w/ ave rate of 23.0 BPM ISIP 2829 psi Actual flush: 4452 gals.

1/5/09 4685-4692' Frac B2 sds as follows: w/ 40,581#s of 20/40 sand in 410 bbls of Lightning 17 fluid. Broke @ 4072 psi. Treated w/ ave pressure of 2150 psi w/ ave rate of 22.9 BPM 1SIP 2213 psi. Actual flush: 4087 gals.

 1/2/09
 3856-3864'
 Frac GB2 sds as follows:

 w/ 42,107#'s of 20/40 sand in 388 bbls of Lightning 17 fluid.
 Broke @

 1770 psi.
 Treated w/ ave pressure of 1900 psi w/ ave rate of 23 0 BPM.

 ISIP 1733 psi.
 Actual flush: 3767 gals.

02/12/2011

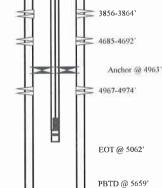
Tubing Leak Rod & tubing updated

PERFORATION RECORD

 1/5/09
 3856-3864'
 4 JSPF
 32 holes

 1/5/09
 4685-4692'
 4 JSPF
 28 holes

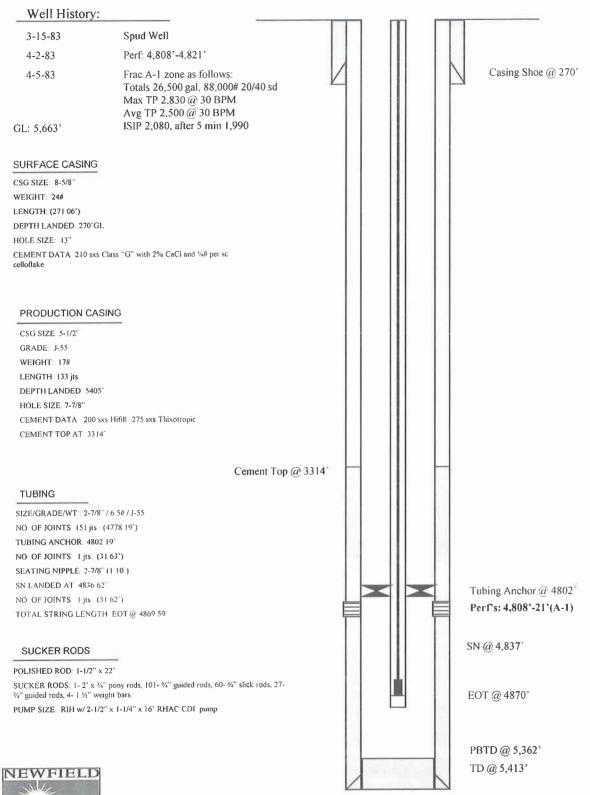
 1/5/09
 4967-4974'
 4 JSPF
 28 holes



TD @ 5740'

Castle Peak Federal #9-23

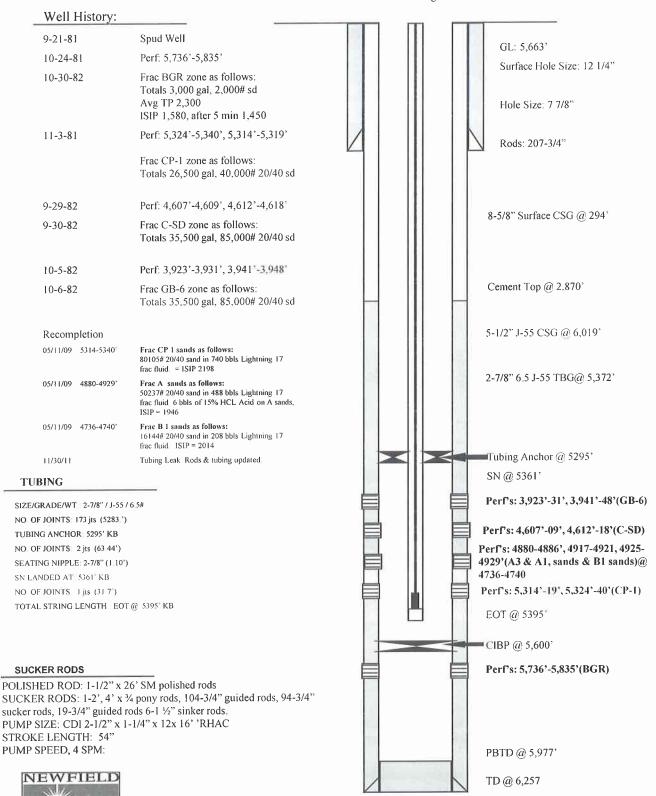
Wellbore Diagram



Castle Peak Federal #9-23 2080 FSL 659 FEL NESE Section 23-T9S-R16E Duchesne Co, Utah API #43-013-30654; Lease #UTU-15855

Castle Peak Federal #12-24-9-16

Wellbore Diagram



Castle Peak Federal #12-24-9-16 794 FWL 2057 FNL SWNW Section 24-T9S-R16E Duchesne Co, Utah API #43-013-30588; Lease #U-15855

Balcron Federal #21-25Y-9-16

Spud Date: 9/7/1993 Put on Production: 10/28/1993

GL: 56921 KB: 57051

Wellbore Diagram

Initial Production: 20 BOPD, 300 MCFD, 45 BWPD

FRAC JOB SURFACE CASING 10/11/93 4632'-4790' Frac zone as follows: CSG SIZE: 8-5/8" 35,000# 16/30 sand in 398 bbls gelled GRADE: K-55 KCL frac fluid Treated@ avg press of 2800 psi w/avg rate of 2.5 BPM ISIP WEIGHT: 24# 2400 psi LENGTH: 6 jts. (271') 10/15/01 4367 4371 Frac zone as follows: HOLE SIZE 12-1/4 11,340# 16/30 sand in 166 bbls gelled CEMENT DATA 150 sxs Class G cmt, est 5 bbls cmt to surf KCL frac fluid Treated@ avg press of 2600 psi w/avg rate of 15 4 BPM ISIP 2500 psi 8/18/95 3690 -3929 Frac zone as follows: Cement Top@ 1800 117,300# 16/30 sand in 708 bbls gelled KCL frac fluid 5/31/98 Shut in. Hole in tubing PRODUCTION CASING Tubing leak Update rod and tubing 5/25/04 CSG SIZE, 5-1/2" GRADE K-55 WEIGHT: 15.5# LENGTH: 130 jts. (5622 94') DEPTH LANDED: 5636 94 HOLE SIZE 7-7/8 CEMENT DATA 215 sxs Thrifty Lite & 294 sxs 50/50 POZ Anchor @ 3658 CEMENT TOP AT 1800 per CBL 3690 -3704 38841-3895 SIZE/GRADE/WT 2-7/8" / J-55 / 6.5# NO OF JOINTS: 155 jts TUBING ANCHOR 4759 92' 3897 -3903 NO OF JOINTS 1 jts (32 50) SEATING NIPPLE 2-7/8" (1 10') SN LANDED AT 4795.22 3010 - 3020 NO OF JOINTS: 1 jt (28 98') TOTAL STRING LENGTH EOT @ 4825 757 4367'-4371' SUCKER RODS 4632'-4640' POLISHED ROD, 1-1/4" x 16 4654'-4658 SUCKER RODS 1-4' x3/4' pony rod, 1-1' x 2' pony rod, 1-1 1/2" weight bars, 6-1" scraper rods, 21-3/4" scraper rods, 60-3/4" plain rods, 100-3/4 guided rods 4790 -4794 PUMP SIZE: 2-1/2" x 1-1/2" x 12" x 15" RHAC STROKE LENGTH 62 PUMP SPEED, SPM 5 SPM PERFORATION RECORD LOGS DLL/ Spectral Density, Dual Spaced Neutron, GR, CBL 10/08/93 4790 -4794' LJSPF 8 holes 10/08/93 4654'-4658' I JSPF 4 holes 10/08/93 4632'-4640' 1 JSPF 6 holes 10/08/93 4367'-4371' 1 JSPF 9 holes 08/18/95 3919'-3929' 1 JSPF 3 holes 08/18/95 3897'-3903' 1 ISPF 2 holes 3884'-3895' 1 JSPF 2 holes 08/18/95 3690'-3704' I JSPF 7 holes SN @ 4795' EOT @ 4826' PBTD @ 5592

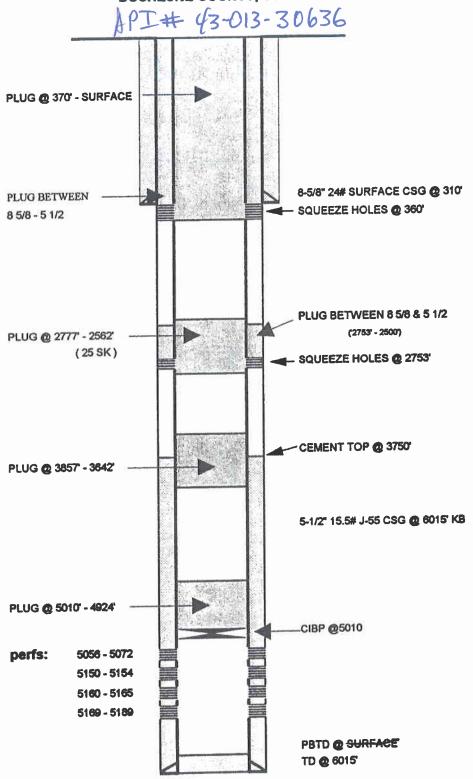
TD @ 5650'



500' FNL & 1980' FWL NENW Section 25-T9S-R16E Duchesne Co, Utah API #43-013-31394; Lease #U-64380

CASTLE PEAK #1-26

NE/NE SECTION 26, T9S, R16E DUCHESNE COUNTY, UTAH

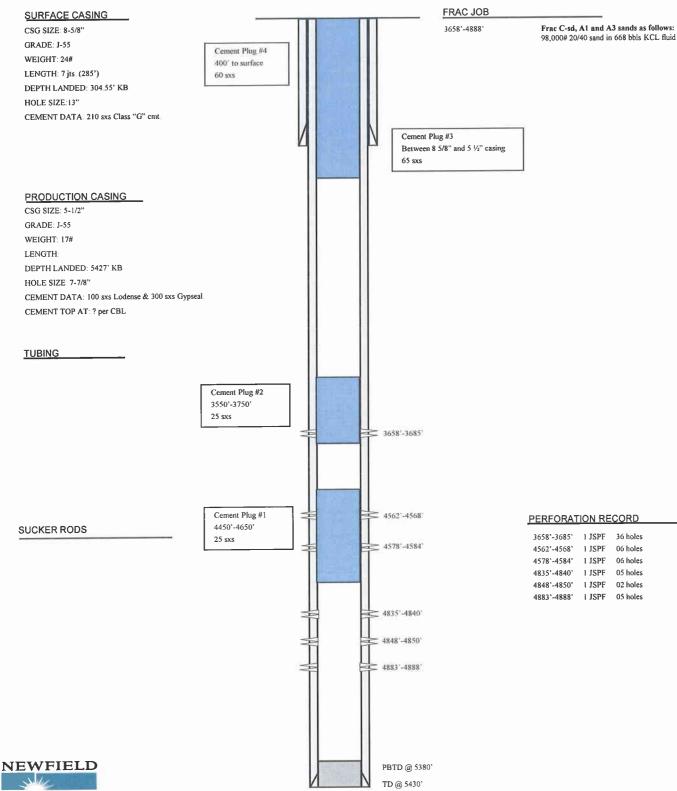


Castle Peak 10-23-9-16

Spud Date: 10/19/1984
Date Completed: 12/1/1984
P&A: 12/1/1984
GL: 5704' KB: 5716'
SURFACE CASING
CSG SIZE: 8-5/8"

Wellbore Diagram

Initial Production: P&A



Castle Peak Federal 10-23-9-16 1914' FSL & 1847' FEL NWSE Section 23-T9S-R16E Duchesne Co, Utah API #43-013-30875; Lease #U-15855

ATTACHMENT F

multi-chem

A HALLIBURTON SERVICE

1553 East Highway 40 Vernal, UT 84078

Water Analysis Report

Production Company:

NEWFIELD PRODUCTION

Well Name:

FEDERAL 13-24-9-16

Sample Point: Sample Date:

Sample ID:

Treater

12/19/2011 WA-204730

Sales Rep: Darren Betts Lab Tech: Gary Peterson

> Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Speci	fics	Analysis @ Properties in Sample Specifics								
Test Date:	12/19/2011	Cations	mg/L	Anions	mg/L					
System Temperature 1 (°F):	300.00	Sodium (Na):	1120.46	Chloride (CI):	4200.00					
System Pressure 1 (psig):	3000.00	Potassium (K):	0.00	Sulfate (SO ₄):	19.00					
System Temperature 2 (°F):	70.00	Magnesium (Mg):	52.20	Bicarbonate (HCO3):	2147.00					
System Pressure 2 (psig):	14.70	Calcium (Ca):	1228.00	Carbonate (CO3):	0.00					
Calculated Density (g/ml):	1.00	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00					
pH:	8.20	Barium (Ba):	10.30	Propionic Acid (C2H5COO)	0.00					
Calculated TDS (mg/L):	8899.36	Iron (Fe):	96.20	Butanoic Acid (C3H7COO)	0.00					
CO2 in Gas (%):	0.00	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00					
Dissolved CO2 (mg/L)):	0.00	Lead (Pb):	0.00	Fluoride (F):	0.00					
H ₂ S in Gas (%):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00					
H2S in Water (mg/L):	0.00	Manganese (Mn):	26.20	Silica (SiO2):	0.00					

Notes:

P= .06 mg/l

(PTB = Pounds per Thousand Barrels)

			cium oonate	Bariur	n Sulfate		ron Ilfide		ron oonate	Gy CaSC	psum 94-2H2O		estite SO4		alite laCl		linc Ilfide
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	РТВ	SI	PTB	SI	РТВ	SI	PTB	SI	PTB	SI	PTB
70	14	2.82	457.42	0.97	5.17	0.00	0.00	3.57	69.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	2.84	455.32	0.73	4.54	0.00	0.00	3.69	69.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	2.91	470.68	0.54	3.82	0.00	0.00	3.83	69.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	2.99	487.38	0.40	3.10	0.00	0.00	3.96	69.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	3.09	504.52	0.29	2.44	0.00	0.00	4.09	69.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	3.20	521.34	0.21	1.90	0.00	0.00	4.22	69.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	3.33	537.25	0.16	1.48	0.00	0.00	4.34	69.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	3.46	551.81	0.13	1.19	0.00	0.00	4.45	69.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	3.61	564.73	0.10	1.00	0.00	0.00	4.54	69.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	3.75	575.88	0.09	0.88	0.00	0.00	4.63	69.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5			hydrate 4~0.5H2 O		nydrate eSO4		lcium ioride		Zinc conate		ead ulfide		Mg icate		a Mg licate		Fe licate
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	РТВ	SI	РТВ	SI	РТВ	SI	PTB	SI	PTB	SI	РТВ
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/7																0.00	0.00

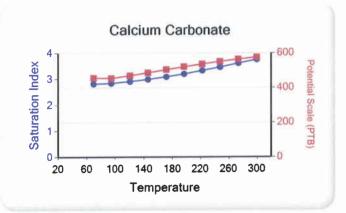
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate

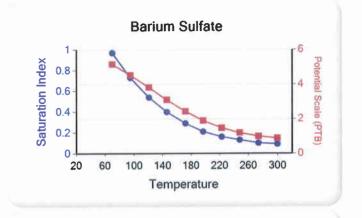
Excellence

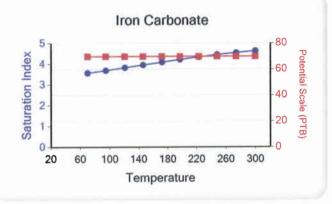
1553 East Highway 40 Vernal, UT 84078 ATTACHMENT F



These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate







Ethics

1553 East Highway 40 Vernal, UT 84078





Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**

BELUGA INJECTION Well Name:

Comingled Sample Point: 1/16/2012 Sample Date: Sample ID: WA-205556

Sales Rep: Darren Betts Lab Tech: John Keel

> Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specific	cs	Analysis @ Properties in Sample Specifics								
Test Date:	1/16/2012	Cations	mg/L	Anions	mg/L					
System Temperature 1 (°F):	300.00	Sodium (Na):	2975.08	Chloride (CI):	3800.00					
System Pressure 1 (psig):	1300.00	Potassium (K):	10.00	Sulfate (SO ₄):	374.00					
System Temperature 2 (°F):	70.00	Magnesium (Mg):	12.50	Bicarbonate (HCO3):	1049.00					
System Pressure 2 (psig):	14.70	Calcium (Ca):	28.00	Carbonate (CO ₃):	0.00					
Calculated Density (g/ml):	1.00	Strontium (Sr):		Acetic Acid (CH3COO)	0.00					
pH:	8.20	Barium (Ba):	2.20	Propionic Acid (C2H5COO)	0.00					
Calculated TDS (mg/L):	8252.18	Iron (Fe):	0.50	Butanoic Acid (C3H7COO)	0.00					
CO2 in Gas (%):	0.00	Zinc (Zn):	0.40	Isobutyric Acid ((CH3)2CHCOO)	0.00					
Dissolved CO ₂ (mg/L)):	0.00	Lead (Pb):	0.30	Fluoride (F):						
H ₂ S in Gas (%):		Ammonia NH3:		Bromine (Br):						
H2S in Water (mg/L):	55.00	Manganese (Mn):	0.20	Silica (SiO2):						

Notes:

P=2.8

(PTB = Pounds per Thousand Barrels)

			cium oonate	Bariun	n Sulfate		ron Ilfide		ron conate		psum 04-2H2O		estite SO4		alite IaCl	11 11/24	Zinc ulfide
Temp (°F)	PSI	SI	РТВ	SI	РТВ	SI	РТВ	SI	PTB	SI	PTB	SI	РТВ	SI	РТВ	SI	PTB
70	14	0.79	15.32	1.73	1.29	3.48	0.28	0.81	0.31	0.00	0.00	0.00	0.00	0.00	0.00	11.70	0.21
95	157	0.82	15.56	1.50	1.27	3.26	0.28	0.94	0.32	0.00	0.00	0.00	0.00	0.00	0.00	11.18	0.21
121	300	0.89	16.81	1.32	1.25	3.14	0.28	1.09	0.33	0.00	0.00	0.00	0.00	0.00	0.00	10.77	0.21
146	443	0.99	18.22	1.19	1.22	3.08	0.28	1.24	0.34	0.00	0.00	0.00	0.00	0.00	0.00	10.44	0.21
172	585	1.10	19.64	1.09	1.21	3.08	0.28	1.39	0.35	0.00	0.00	0.00	0.00	0.00	0.00	10.16	0.21
197	728	1.23	20.92	1.03	1.19	3.11	0.28	1.53	0.35	0.00	0.00	0.00	0.00	0.00	0.00	9.94	0.21
223	871	1.36	21.98	1.00	1.18	3.17	0.28	1.65	0.35	0.00	0.00	0.00	0.00	0.00	0.00	9.76	0.21
248	1014	1.50	22.79	0.99	1.18	3.26	0.28	1.77	0.36	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.21
274	1157	1.65	23.37	1.00	1.18	3.36	0.28	1.87	0.36	0.00	0.00	0.00	0.00	0.00	0.00	9.47	0.21
300	1300	1.79	23.76	1.02	1.18	3.47	0.28	1.96	0.36	0.00	0.00	0.00	0.00	0.00	0.00	9.36	0.21
		V1716/855.00	SWINGS IN	MANAGER	119741858185	1000	382003E3S	-	Your 1	3	STEVAN.	7	W/Das	100	SERVERS	1000	reco

		CaSO	hydrate 4~0.5H2 O		ydrate ISO4		lcium oride		inc onate	9.2%	ead ilfide		/lg icate		a Mg icate	1745	Fe icate
Temp (°F)	PSI	SI	PTB	SI	РТВ	SI	РТВ	SI	РТВ	SI	PTB	SI	РТВ	SI	РТВ	SI	РТВ
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.98	0.12	0.00	0.00	0.00	0.00	0.00	0.00
95	157	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.14	13.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00
121	300	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.21	12.45	0.12	0.00	0.00	0.00	0.00	0.00	0.00
146	443	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.24	11.87	0.12	0.00	0.00	0.00	0.00	0.00	0.00
172	585	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.25	11.38	0.12	0.00	0.00	0.00	0.00	0.00	0.00
197	728	0.00	0.00	0.00	0.00	0.00	0.00	1.49	0.26	10.96	0.12	0.00	0.00	0.00	0.00	0.00	0.00
223	871	0.00	0.00	0.00	0.00	0.00	0.00	1.70	0.26	10.61	0.12	0.00	0.00	0.00	0.00	0.00	0.00
248	1014	0.00	0.00	0.00	0.00	0.00	0.00	1.87	0.27	10.30	0.12	0.00	0.00	0.00	0.00	0.00	0.00
274	1157	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.27	10.04	0.12	0.00	0.00	0.00	0.00	0.00	0.00
300	1300	0.00	0.00	0.00	0.00	0.00	0.00	2.11	0.27	9.80	0.12	0.00	0.00	0.00	0.00	0.00	0.00

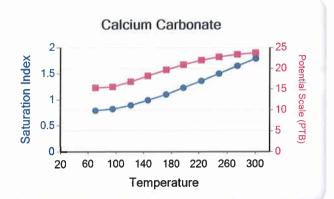
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Lead Sulfide

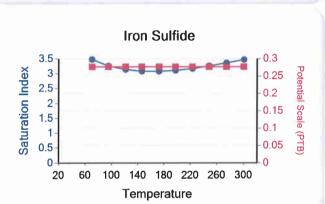
1553 East Highway 40 Vernal, UT 84078

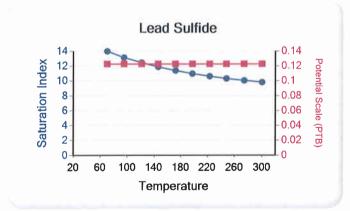


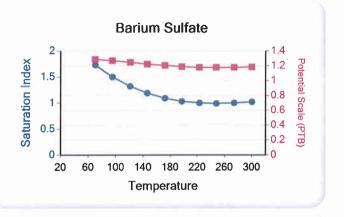
multi-chem*
A HALLIBURTON SERVICE

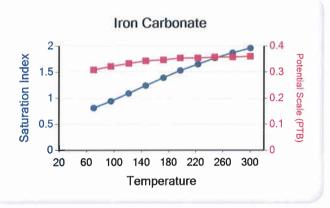
These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide

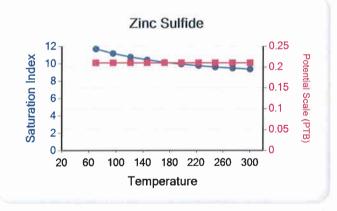


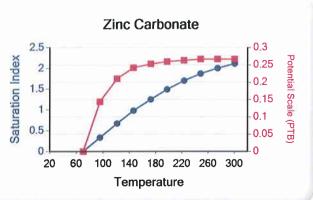












Ethics

Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078





Ethics

Attachment "G"

Federal #15-22-9-16 Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth	ISIP	Calculated Frac Gradient	
Top	Bottom	(feet)	(psi)	(psi/ft)	Pmax
4912	4922	4917	3269	1.10	3237
4780	4798	4789	2490	0.95	2459 ◀──
				Minimum	2459

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



ATTACHMENT G-1

\$300

\$319,701_

\$319,701

NPC Supervision

DAILY COST:

TOTAL WELL COST: ____

				104	-7
	DAILY COMP	LETION REPORT		10	' (
WELL NAME: Federal	13-24-9-16	Report Date:1/2	23/2008		Day:1
Operation: Completi	on		Rig: _	Rigless	
	WELL	STATUS			
Surf Csg: <u>8-5/8'</u> @ <u>324'</u>	Prod Cs		5674'	Csg PBTD:	w
Tbg: Size: W	t:Grd:	Pkr/EOT @: _		BP/Sand PBTD:	
	PERFORA	TION RECORD			
Zone Perfs	SPF/#shots	<u>Zone</u>	<u>!</u>	<u>Perfs</u>	SPF/#shots
LODC sds 4912-4922'	4/40				·····
		holds and a second seco	ARTON CONTRACTOR CONTR		·
		····	3000/400/ 414444/900/000/0000		· · · · · · · · · · · · · · · · · · ·
	CHRONOLOG	CAL OPERATIONS			_
Date Work Performed:	1/22/2008		SITP:	SICP:	0
Starting fluid load to be recovered:	***	OVERY (BBLS) ting oil rec to date:			 .
Fluid lost/recovered today:	***************************************	ost/recovered today:			
Ending fluid to be recovered:	· · · · · · · · · · · · · · · · · · ·	oil recovered:			
IFL: FFL:	FTP:Choke	e: Final	Fluid Rate:	Final o	oil cut:
STIMULA	TION DETAIL			COSTS	
Base Fluid used:	Job Type:			erford BOP	\$540
Company:	MANA.	-		C NU crew	\$300
Procedure or Equipment detail:		~		SI trucking	\$800
				rators LLC	\$5,613
				orilling cost	\$305,620
				ate Hot Oil	\$528
		4		reparation	\$300
MATERIAL STATE OF THE STATE OF				C wellhead	@4 E00
			Benco	- anchors	
				Overhead	\$1,500 \$1,200 \$3,000

FG: ____

Max TP: Max Rate: Total fluid pmpd: Avg TP: Avg Rate: Total Prop pmpd:

ISIP: ____ 5 min: ____ 10 min: ____

Completion Supervisor: Don Dulen



ATTACHMENT G-1

207

Day: 2a

DAILY COMPLETION REPORT

Federal 13-24-9-16

WELL NAME:

Report Date: 1/31/2008

Operation:	Completion			Rig:	Rigless	
		WELL S	STATUS			
Surf Csg: 8-5/8'	@ 324'	Prod Csg:		5674'	Csg PBTD:	5401'
Tbg: Size:	Wt:	Grd:	Pkr/EOT @	D:	BP/Sand PBTD:	
		PERFORAT	ION RECORD			
<u>Zone</u>	<u>Perfs</u>	SPF/#shots	<u>Zone</u>		<u>Perfs</u>	SPF/#shots
LODC sds 49)12-4922'	4/40				
		-		,		
		CHRONOLOGIC	AL OPERATION	<u> </u>		
Date Work Perform	ned: 1/30/2				SICP:	0
in 315 bbls of Light Techna Hib chemic 15% HCL acid in flu	al Treated (o) ave	pressure of 3001 v	v/ ave rate of 23.	∠ ppm w/ 6.5	ppg of sand. Sp	ot 12 bbls c
			OVERY (BBLS)			
Starting fluid load to Fluid lost/recovered	***************************************	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ng oil rec to date: st/recovered toda			
Ending fluid to be re			oil recovered:	y •		
_	FL: FTI	P: Choke:	Fir	nal Fluid Rate:	Final	oil cut:
	STIMULATION	I DETAIL			COSTS	
***************************************		ob Type: Sand	d Frac			
	Services					
Procedure or Equipr		DC sds down casing	3		ord Services	\$1,000
1722 gals w/ ⁻	Techna Hib & to cro	oss link		***************************************	g frac water	\$300
1974 gals of p					PC fuel gas	\$500
1511 gals w/ 1	1-4 ppg of 20/40 sa	nd		***************************************	s LODC sds	\$18,970
1067 gals w/ 4	4-6.5 ppg of 20/40 s	sand		NPC	Supervisor	\$300
504 gals of 15	5% HCL acid					***************************************
Flush w/ 4452	gals of slick water			***************************************	······································	
Flush called	@ blender to includ	le 2 bbls for pump/lir	ne volume	<u> </u>		
Max TP: 3317 N		Total fluid pmpd:	315 bbls			
	***************************************	n Total Prop pmpd:	19,518#'s	***************************************		
ISIP: 3269	5 min:	10 min:	FG: <u>1.1</u>	DAILY		\$21,070
Completion Sup	pervisor: Ror	n Shuck		TOTAL W	ELL COST:	\$340,771



ATTACHMENT G-1

WELL NAME: Operation		Federal 13	-24-9-16	R	eport Date:	1/3	31/2008			Day: <u>2b</u>
		Completion					Rig:	Rigle	ess	
			<u> </u>	WELL S	TATUS					
Surf Csg:	8-5/8	@ 324'	Pro	od Csg:	5-1/2"	@ _	5674'	Csg Pl		······································
Tbg:	Size:	Wt:	Grd:		Pkr/E0	OT @: _		BP/Sand P	BTD:	4850'
			PERF	ORATIO	ON RECORI	2				
<u>Zone</u>		<u>Perfs</u>	SPF/#shot	<u>s</u>	Zoi	<u>ne</u>		<u>Perfs</u>		SPF/#shots
A1 sds	····	4780-4798'	4/72				COMMAND ACADEMIA STRAIGHT			····
LODC sds	<u>.</u>	4912-4922'	4/40				60000000000000000000000000000000000000			
	····									
	-		·	-	W					
			CHRONO	- LOGICA	U ODEDAT	IONS			•	
Date Work	Dorfe	rmed: 1/31	<u>CHRONO</u>)/2008	LOGICA	AL OPERAT	IONS	SITP:	S	ICP:	2528
Date Work	Crenc	7730 mileu. 1730	0/2008				0111.			2020
Day2b.	144 151	AU T	DILL/)	101	ford E 1/0" /	el/ oon	nnacita flav	through fro	يام م	a 2 12' nor
RU Lone	VVolt	WLT, crane & lubric	cator. KIH W/	vveatner	Tora 5-1/2 (om 4	nposite nov	villough ha	total	of 72 chote
gun. Set p	olug @	9 4850'. Perforate	11 sas W/ 3-1/8	S Slick	Guns (23 gr	am, .4 htning	3 ⊓⊑, 90) 17 frac flui	w/4 spi ioi d Open we	וטנמו //אי ווג	2528 pei or
KO BY & II	rac sta	ige #2 w/ 102,122#	's of 20/40 san	id in //2	z bbis of Lig Tachna Hib	nuning	17 IIaC IIui	u. Open we	SII W/	2020 psi 0i
casing. Pe	erts br	oke down @ 4108	osi. Pump 30	gais of	1407 bbb [cnemic	cai. Treate	J (w) ave pre	SSUIT	back W/e
ave rate of	1 23.3	bpm w/ 8 ppg of s	and. ISIP was	3269.	1197 DDIS E	EVVIR.	KD DJ Ø	VVLI. FIOW	weii	back. vve
flowed for I	nours	& died w/ bbls rec'd.	SIFIN.							
			FLUID	RECOV	/ERY (BBL	3)				
Starting flu	id load	to be recovered:		Startin	g oil rec to d	_ ate: _				
Fluid lost/re			*****		t/recovered t			<u> </u>		
		recovered:			il recovered:	_	Fluid Rate:	F	inal c	oil cut:
	-							COSTS		
Rasa Fluid	need.	STIMULATION Lightning 17	Job Type:	Sand	Frac			00010	•	
Company:		BJ Services	.,po.			سم			,	***************************************
	or Equ	ipment detail:	.1 sds down ca	sing			Weatherfo	d Services		\$2,200
1721	596 ga	als w/ Techna Hib &	to cross link			·-	C-D trkg	frac water		\$1,700
7879	gals	of pad					N	PC fuel gas	,	\$500
5319	gals v	v/ 1-5 ppg of 20/40 s	sand				BJ Servi	ces A1 sds	,	\$25,268
1062	2 gals	w/ 5-8 ppg of 20/40	sand				Lone V	Volf A1 sds		\$6,310
2329	gals v	v/ 8 ppg of 20/40 sa	nd			•				
Flush	n w/ 46	662 gals of slick wat	er			•				
						_				
May TP	2421	Max Rate: 23.4	l Total fluid	pmpd:	772 bbls	-	······································			
	***************************************	Avg Rate: 23.2 b								
_	2490		10 min:		FG: <u>.95</u>	-	DAILY C	OST:		\$35,978
Comple	etion S	Supervisor: R	on Shuck				TOTAL WE	LL COST:		\$376,749



NEWFIELD ATTACHMENT G-1

4 of 7

WELL	<u>NAME:</u>	Federal 1	3-24-9-16		кероп г	Jate:	2/1/2008	***********		Day. 3
Operation:		: Completion	<u>n</u>				Rig	: West	ern #4	<u> </u>
				w	ELL STATUS	 }				
Surf Csg	: 8-5/8	' @ 324 '			Csg: 5-1/2		9 5674'	Csg F	PBTD:	5401'
Tbg:	Size:	•	6.5#	_Grd: _	J-55 F	Pkr/EOT	@: <u>5550'</u>	BP/Sand I	PBTD:	5635'
				PERFO	RATION RE	CORD				
Zone		<u>Perfs</u>		#shots	MATIONICE	Zone		Perfs		SPF/#shots
A1 sds		4780-4798'	4/72						_	
LODC s	ds	4912-4922'	4/40							
***************************************					*****	······			•	*************************************
		<u></u>							-	
			-				***************************************			
			CHR	CONOL	OGICAL OPE	RATIO				
	ork Perfo	***************************************	31/2008						SICP:	
Thaw w	ell out. I	MIRUSU. Open v	vell w/ 150	psi on	casing. Bled	well do	wn. RD Ca	meron BOP's	& 5K	frac head.
string of	<pre>< produc : 2-7/8" (</pre>	tion tbg head & S 6.5#, 8EUE, J-55	tha 150 i	ts in tac	ru 4-3/4 Un r sand @ 48	15'. RU	pump, tank	s & swivel. C	ircula	te down to
plua @	4850'. D	rlg out plug. TIH v	<i>N</i> tbg to tag	g sand (@ 5473'. C/C	D sand to	o PBTD @ 5	335'. LD 2 jts	tbg.	SIFN.
Fluid los	t <u>/recover</u>	to be recovered: ed today: recovered:	1197		Starting oil re Oil lost/recove Cum oil recov	ered toda	***************************************		•	
IFL:		FFL:	FTP:	Cł	noke:	Fi	nal Fluid Rat	e:	Final	oil cut:
	TUBI	NG DETAIL		ROI	D DETAIL			COST		
warman dan dan dan dan dan dan dan dan dan d								Western rig		\$4,271
KB <u>12</u>	***************************************				polished rod		×	nerford BOP's		\$255
000000000000000000000000000000000000000	7/8 J-55 t				es		B&L -	new J-55 tbg	-	\$17,315
***************************************	(2.80' @			······································	ed rods			NDSI wtr trk		\$500
***********	7/8 J-55 t		***************************************	plain ro		***************************************	***************************************	em Chemical	•	\$400
***************************************	l (1.10' @		***************************************		ed rods		***************************************	ubiate Hot Oil	•	\$546
27	7/8 J-55 t	bg (')	***************************************	" weigh		***************************************	***************************************	ks pit reclaim	-	\$1,800
	7/8 NC (.4	45')	2000		1 1/2" X 15'		·	sfc equipment	-	\$130,000
EOT W	// 12' KB		RHA	C pump	o W/ SM plun	ger		_abor/welding	•	\$19,500
-							***************************************	l wtr disposal	-	\$3,000
							***************************************	power swivel	-	\$750
								est Sanitation	-	\$400
							····	COST:		\$300 \$179,037
Carre	alation S	unorvieor:	Don Chuo	le .				NELL COST		\$555,786



WELL NAME:		Federal 1	3-24-9-16		керо	π Date:		212008	~		Day:4
Operation:		Completion	n					Rig:	Wes	tern #4	<u> </u>
				W	ELL STAT	rus					-
Surf C	sg: 8-5/8	' @ 324 '				-1/2"	@	5674'	Csg	PBTD:	5635'
Tbg:	Size:	2-7/8" Wt:	6.5#	_Grd: _	J-55	Pkr/EC	OT @:	1952'	BP/Sand	PBTD:	5635'
				PERFO	RATION	RECOR)				
Zoi	ne	<u>Perfs</u>		SPF/#shots					<u>Perfs</u>		SPF/#shots
A1 sd	***************************************	4780-4798'	4/72							****	
LODO	sds	4912-4922'	4/40	***************************************		**************************************	·	##*###################################	······································	acoto-	<u></u>
				······································		***************************************				••••	

			CHF	RONOL	OGICAL C	PERAT	<u>IONS</u>	-			
	Work Perfo		/1/2008					SITP:		SICP:	
Thaw	well out.	Open well w/ vacu howed trace of oi	uum on ca	sing. R	U swab 8	made 1	7 run	s to recove	r 110 bbls	of fluic	l. IFL was
Circul	late well cle	ean @ BPTD @ 56	635'. TOO	H w/ tbo	a. LD bit 8	& bit sub	. TIH	lost NC, 2	its SN, 1it (down h	ole, had to
make	a trip w/ tl	bg to retrieve lost	tbg. TIH	w/ NC,	2 jts tbg,	SN, 1 jt	tbg,	TA CDI nev	v 45,000#	shear,	59 jts tbg.
Fluid I	ost <u>/recover</u>	to be recovered: ed today: recovered:	1197 81 1116		Starting oi Oil lost/red Cum oil re	overed to					
IFL:	y naid to be	FFL:	FTP:		noke:		Final	Fluid Rate:		 _Final(oil cut:
	TUBI	NG DETAIL	<u> </u>	ROI	D DETAIL				cos	<u>rs</u>	
-									Western rig	<u> </u>	\$4,469
KB]	12.00'		1 1/2	2" X 22'	polished r	<u>od</u>		Weathe	rford BOP's	<u>s</u> _	\$255
180	2 7/8 J-55 t	bg (5635')	X 3/	/4" ponie	es			C	DI SN & TA	<u> </u>	\$600
-	TA (2.80' @) KB)	3/4"	scraper	ed rods			NPC trkg ch	oke, toilet,sw\	<u>/l</u>	\$900
	2 7/8 J-55 t	bg (')	3/4"	plain ro	ds			N	IPC trkg tbo	<u> </u>	\$400
	SN (1.10' @) ' KB)	3/4"	scraper	ed rods			Zuk	piate Hot O	<u> </u>	\$508
_	2 7/8 J-55 t	bg (')	1 1/2	2" weigh	t rods				ion cleanu	****	\$400
	2 7/8 NC (.4	45')	<u>CDI</u>	2 1/2' X	1 1/2" X 1	15'		NPC	Superviso	<u>r</u>	\$300
EOT _	W/ 12' KB		RHA	C pump	o W/ SM p	lunger				•••	
						 		<u> </u>	······································		
-											
								DAILY C	OST:	-	\$7,832
Co	mpletion S	Supervisor:	Ron Shuc	k				TOTAL W	ELL COST	:	\$563,618



NEWFIELD ATTACHMENT G-1

WELL NAME:		<u>:</u>	Federal 13-24-9-16					Report Date:				2/5/2008						5
	Operation):	Completic		n			•					Rig:		Western #4		1	-
	WELL STATUS																	
Surf	Csg: <u>8-5/</u>		324	4'			Prod	l Csg: _		1/2"	_ @	567		-	_	PBTD:		35'
Tbg:	Size	:	7/8''	Wt:	6.5	5#	Grd:	<u>J-5</u>	5	_ Pkr/E	от @:	498	39'	BP/	Sand	PBTD:	56	35'
						P	PERFO	ORATIO	ON F	RECOR	D							
Zone Pe			<u>Perfs</u>				shots		Zo		one		<u>Perfs</u>				SPF/	#shots
A1 s		***************************************	-4798'		-	4/72		ı		*******************************			***************					
LOD	C sds	4912	-4922'	<u>,,</u>	300	4/40									•	****	~	<u>~~~~~~</u>

								•								C#804		
																•••		
D 4.	184l. D4		1_	2			ONOL	.OGICA	L O	PERAI	IONS		SITP:			SICP:		0
Date	Work Perf	ormea). . on ca		(4/200)		1H w/	NC 2	ite t	ha SN	1 it tł							
RD I	en well w/ v BOP's. Se up & prime weight roc 1-1/2" x 26	t TA @	4890	,w/ 1	6,000	#'s te	nsion	w/ SN	@ 4	1924' 8	ÉOT 1/2"	@ 498	39'.	Flush	tbg	w/ 60 l	obls w	ater.
1/2"	up & prime weight roc	pump. ls, 20-	3/4" gu	/ use iided	a roas rods (4 per), 70-	3/4" sli	ck r	ods, 10	-1/∠ x)0- 3/4	" guide	ed (4	per) r	ods,	2', 4' x	3/4"	pony
rods	, 1-1/2" x 26 10SU.	6' polisi	h rod. S	Space	e pum	p. Te	st tbg	to 800	psi v	w/ hot c	oiler. L	.eft uni	t dow	n due	to su	ırface (equipr	nent.
	-					FI	ו חווו	RECOV	/FR	V (BBI	SI							
Starti	ing fluid loa	d to be	recove	red:	111			Starting										
	lost/recove			*	15			Oil lost								H43		
Endir	ng fluid to b	e recov FFL:	_		1101 FTP:			Cum oi hoke:				Fluid	Rate:			_ Final	oil cut	•
	***************************************		***************************************		· · · · •			*****	***************************************					***************************************	2007			
	IOB	ING DI	<u>EIAIL</u>		_		RU	D DET	AIL		-			<u>د</u> Weste	rn ric		\$	2,810
KB	12.00'					1 1/2"	' X 22'	polishe	ed ro	d new	_	We		rford E		····		\$255
	2 7/8 J-55	tba	4878.	21'	-	·····		ponies		used	•	·····	CE	Ol rod	pump		\$	1,450
	TA (2.80' (@ KB)			_	100- 3	3/4" sc	crapere	d ro	dsused		NPC	trkg t	bg, rods	s, trash	n		\$900
1	2 7/8 J-55	tbg (31	1.50')			70- 3/	4" pla	in rods		used		NPC f	rac tr	nks(3x	8dys))		\$960
	SN (1.10')		4924.5	51'	,	20- 3/	4" scr	apered	rods	s used			Zuk	oiate H	ot Oi	<u> </u>		\$500
2	2 7/8 J-55	tbg (63	3.91')		(6- 1 1.	/2" we	eight roo	ds	used			NP	C frac	head	<u>i</u>		\$500
	2 7/8 NC (.45')			_	2 1/2	' X 1 1	/2" X 1	6' X	19.5'	_		NPC	Supe	rvisoı	<u>r</u>		\$300
EOT	W/ 12' KB		4989.9	97'		RHAC	pum	p W/ SI	M pl	unger		NPC	swa	b tnk (3dys))		\$120
						CDI p	ump v	v/ 176"	SL				rds	("B" g	rade))	\$1	6,000
					-						_		Ι	0&M H	ot Oi	1		\$230
				***************************************	_			***********			-					_		
													1. // ^	·00T		••••		4.005
_		O :-	.i	1	Don C	hal-								OST:				7 643
C	ompletion	>uper\	visor:		Ron S	nuck						IUIA	IL VV	ELL C	USI	·	φοδ	7,643



ATTACHMENT G-1

DAILY COST:

TOTAL WELL COST:

\$300 \$587,943

70f7

DAILY COMPLETION REPORT Day: 6 **WELL NAME:** Federal 13-24-9-16 Report Date: 2/7/2008 Rig: Western #4 Operation: Completion WELL STATUS Surf Csg: 324' Prod Csg: 5-1/2" 5674' Csg PBTD: 5635' 8-5/8 4989' **BP/Sand PBTD:** 2-7/8" 6.5# Grd: J-55 Pkr/EOT @: Tba: PERFORATION RECORD Perfs SPF/#shots SPF/#shots Zone Perfs 4780-4798' 4/72 A1 sds LODC sds 4912-4922' 4/40 CHRONOLOGICAL OPERATIONS SITP: SICP: **Date Work Performed:** 2/5/2008 Repair surface equipment. PWOP @ 3:00 pm w/ 102" SL & 5 SPM. Final report. **FLUID RECOVERY (BBLS)** 1101 Starting oil rec to date: Starting fluid load to be recovered: Oil lost/recovered today: Fluid lost/recovered today: 1101 Cum oil recovered: Ending fluid to be recovered: Final Fluid Rate: Final oil cut: FTP: Choke: IFL: FFL: **ROD DETAIL** COSTS **TUBING DETAIL** 1 1/2" X 22' polished rod new KB 12.00' 154 2 7/8 J-55 tbg 4878.21' 2', 4' X 3/4" ponies used TA (2.80' @ KB) 4890.21' 100-3/4" scrapered rodsused 1 2 7/8 J-55 tbg (31.50') 70- 3/4" plain rods used 20-3/4" scrapered rods used 4924.51' SN (1.10') 2 2 7/8 J-55 tbg (63.91') 6- 1 1/2" weight rods used NPC Supervisor 2 1/2' X 1 1/2" X 16' X 19.5' \$300 2 7/8 NC (.45') EOT W/ 12' KB 4989.97' RHAC pump W/ SM plunger CDI pump w/ 176" SL

Completion Supervisor: Ron Shuck

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4730'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	171' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4.	Plug #3	120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5.	Plug #4	Pump 43 sx Class "G" cement down 5 1/2" casing to 365'

The approximate cost to plug and abandon this well is \$42,000.

FEDERAL 13-24-9-16

Spud Date: 11/6/07 Put on Production: 2/5/08 GL: 5656' KB: 5668'

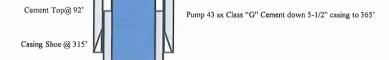
SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH: 7 jts. (302,73') DEPTH LANDED: 314.58' HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

Proposed P&A Wellbore Diagram



PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 132 jts. (5661.02')

HOLE SIZE: 7-7/8" DEPTH LANDED: 5674.27'

CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ

CEMENT TOP AT: 92'

120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below (1202'-1322')

171' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale (2525'-2696')

100' (12 sx) Class G Cement plug on top of CIBP

CIBP @ 4730' 4780-4798

4912-4922

PBTD @ 5635'

NEWFIELD

Federal 13-24-9-16 684' FSL & 423' FWL

SWSW Section 24-T9S-R16E Duchesne Co, Utah API #43-013-33342; Lease #UTU-15855 TD @ 5700'

FORM 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31,2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an

UTU-15855

5. Lease Serial No.

abandoned w	ell. Use Form 3160-3 (AP	D) for suc	h proposals	s	o. If Indian, Allo	office of Tribe Name.			
SUBMIT IN TRIPLICATE - Other Instructions on page 2				7. If Unit or CA	7. If Unit or CA/Agreement, Name and/or				
1 Tuna of Wall					GMBU	GMBU			
1. Type of Well Gas Well Other					8. Well Name a	nd No.			
2. Name of Operator					FEDERAL 13-	24-9-16			
NEWFIELD PRODUCTION CO	DMPANY	[a. v.			9. API Well No.				
3a. Address Route 3 Box 3630	•	3b. Phone	(include are	code)	4301333342	-1 Combostom Anno			
Myton, UT 84052 4. Location of Well (Footage, 1	Sec., T., R., M., or Survey Descrip	435,646. tion)	3/21		B .	10. Field and Pool, or Exploratory Area GREATER MB UNIT			
684 FSL 423 FWL	500, 1.(10, 111, 01 5m 10) 2 0001 p	,,,,,				11. County or Parish, State			
SWSW Section 24 T9S R16E			• .		DUCHESNE.	.UT			
. 12. CHECK	X APPROPRIATE BOX(ES	S) TO INII	DICATE NA	TURE OF	NOTICE, OR O	THER DATA			
TYPE OF SUBMISSION	·		TYP	E OF ACTION	ON				
Subsequent Report Casing Repair New Change Plans Plug			n re Treat onstruction Abandon ack	Recla Recor	ction (Start/Resume) mation nplete orarily Abandon Disposal	on			
Final Abandonment Notices shall be inspection.)	eration results in a multiple completion filed only after all requirements, inclusions to convert the above represented in the above of	ding reclamati	on, have been co	npleted, and the	e operator has determine	d that the site is ready for final			
I hereby certify that the foregoing is correct (Printed/ Typed)	s true and	Titi	le						
Jill Loyle		Regulatory Technician							
				Date 02/09/2012					
() 00	OTHIS SPACE FO	R FEDER	AL OR ST	ATE OFF	ICE USE				
A		 	Title			ate			
Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.									
Title 18 U.S.C. Section 1001 and Title 42 States any false, fictitious and fraudulent	3 U.S.C. Section 1212, make it a crime			villfully to mak	e to any department or a	gency of the United			



Deseret News

PROOF OF PUBLIC

CUSTOMER'S COPY

CUSTOMER NAME AND ADDI	RESS. GAS & MINING	ACCOUNT NU	JMBER DATE
DIV OF OIL-GAS & MINING,	Or Ole a	9001402	352 2/28/2012
1594 W NORTH TEMP #1210 P.O. BOX 145801			
SALT LAKE CITY, UT 84114			PUBLIC NOTICE BEFORE THE DIVISION OF OIL, GAS AND MINING
ACCOU	NT NAME		STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UC-387
DIV OF OIL-G	AS & MINING,		BEFORE THE DIVISION OF OIL, GAS AND MINING OPPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. U.C. 387 IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODU TION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERT TOON COMPANY FOR ADMINISTRATIVE APPROVAL OF CERT TOWN SHIP 9 SOUTH, RANGE 1-6 EAST, DUCHESNE COUN UTAH, AS CLASS II INJECTION WELLS. 10 WINSHIP 9 SOUTH, RANGE 1-6 EAST, DUCHESNE COUN UTAH, AS CLASS II INJECTION WELLS. 11 WE STATE OF UTAH TO ALL PRESONS INTERESTED IN TABOVE ENTITLED MATTER. NOTICE IN THE STATE OF UTAH TO ALL PRESONS INTERESTED IN TO ABOVE ENTITLED MATTER.
TELEPHONE	ADORDER# /	INVOICE NUMI	THE STATE OF UTAN TO ALL PERSONS INTERESTED IN ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and A
8015385340	0000770992 /		ABOVE ENTITLES MATER. Notice is hereby given that the Division of Oil, Gas and Ming (the "Division") is commencing an informat adjudical proceeding to consider the application of Newfield Produced in Company for administrative approval of the follow wells located in Duchesne County, Utah, for conversion Class II Injection wells:
SCHE	DULE		Greater Monument Butte Unit: Castle Peak State 43-16 well located in NE/4 SE/4, Sect 16, Township 9 South, Range 16 East
Start 02/27/2012	End 02/27/2012		API 43-013-30594 West Point Federal 4A-18-9-16 well located in NW NW/4, Section 18, Township 9 South, Range 16 East API 43-013-33463 Federal 13-18-9-16 well located in SW/4 SW/4, Sect
CUST, 1	REF. NO.		18, Township 9 South, Range 16 East
UIC 387			Federal 7-20-9-16 well located in SW/4 NE/4, Section Township 9 South, Ronge 16 East API 43-013-33106 Federal 11-20-9-16 well located in NE/4 SW/4, Section Township 9 South, Range 16 East API 43-013-22598
CAP	TION		Federal 15-20-Y-16 well located in SW/4 SE/4, Section Township 9 South, Range 16 East ABI 42-013-23105
PUBLIC NOTICE BEFORE THE DIVISION OF	OIL, GAS AND MININ	G DEPARTMEN	Federal 15-22-9-16 wall located in SW/4 SE/4, Section Township 9 South, Range 16 East API 43-013-33167 Federal 9-24-9-16 well located in NE/4 SE/4, Section
. Sl	ZE		API 43-013-23338 Federol 13-24-9-16 well located in SW/4 SW/4, Sec 24, Township 9 South, Range 16 East
73 Lines	2.00 C	OLUMN	API 43-013-33342 The proceeding will be conducted in accordance with I Admin. R649-10, Administrative Procedures. Selected zones in the Green River formation will be used
TIMES		RATE	water injection. The maximum requested injection press and rates will be determined based on fracture gradient formation submitted by Newfield Production Company.
4			Any person desirting to object to the application or omen- intervene in the proceeding, must file a written protest or tice of intervention with the Division within fifteen days towing publication of this notice. The Division's Presiding C
MISC. CHARGES	AD (CHARGES	Township 9 South, Ronge 16 East API 43-013-33167 Federal 9.24-9-16 well located in NE/4 SE/4, Section Township 9 South, Ronge 16 East API 43-013-33338 Federal 13-24-9-16 well located in SW/4 SW/4, Sec 24 Township 9 South, Ronge 16 East API 43-013-33342 The proceeding will be conducted in accordance with 18 Admin. Ro49-10, Administrative Procedures. Selected zones in the Green River Formation will be used water injection. The maximum requested injection press and rates will be determined based on fracture gradient formation submitted by NewFeld Production Company. Any period destinate to shiped to the application or other intervence in the proceeding, must file a written protest or tace of intervention with the Division's Presiding C. oer for the proceeding is Streat fill). Permitting Manager P.O. Box 145801, Soit Lake City, UT 84114-5801, pr wention is received, a hearting will be sheduled in got unuser (801) 538-5340. If such a protest on rotice of intervention with the obreamentment outlinistrative proceed rules. Protestants and/or interveners should be prepare demonstrate of the hearing how this matter affects their lerests.
	101	AL COST	Tues. Protestants analysis may be proposed to demonstrate at the hearing how fills matter affects their lerests. STATE OF UTAH DIVISION OF OIL, GAS & MINING
		50.28	DIVISION OF OIL, GAS & MINING 5/ Brod Hill Permitting Manager 770992 UPA
AF	FIDAVIT OF PUBLICATION		
SPAPER AGENCY COMPANY. LLC dba MEDIAONE OF U	ITAH LEGAL BOOKER, 1 CE	RTIFY THAT THE AT	FTACHED ADVERTISEMENT OF
NOTICE BEFORE THE DIVISION OF OIL, GAS AND Y ACTION CAUSE NO. UIC-387 IN THE MATTER FOR	MINING DEPARTMENT O	F NATURAL RESOL	RCES STATE OF UTAH NOTICE OF
NY. LLC dba MEDIAONE OF UTAH, AGENT FOR THE SAI			

AS N <u>PUB</u> AGE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

Start 02/27/2012 02/27/2012 End VIRGINIA CRAFT Notary Public. State of Utah PUBLISHED ON Commission # 581469 My Commission Expires Januacy 12, 2014 **SIGNATURE**

2/28/2012

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION" PLEASE PAY FROM BILLING STATEMENT

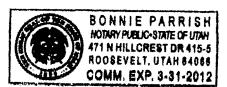
AFFIDAVIT OF PUBLICATION

County of Duchesne, STATE OF UTAH

Publisher

Subscribed and sworn to before me this

Jonice Parresh Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-387

BEFORE THE DIVI-SIONOFOIL, GASAND Permitting Manager SIONOFOIL GASATE
MINING, DEPARTMENT OF N -poor stemplation to young
RESOURCES -lifeweit this morning
RESOURCES -lifeweit this morning
OF UTAH. --OF UTAH. ---Published in the Uintah Posin Standard February IN THE M/ THE APPLIC. PARIER AMOS 0001 Mail beheld on Tuesday, March alguimdy 6, 2012, at 7-nn and 1 COUNTY releases her become au CLASS II live amountsemme viling MELLS. possessive description of THEST, against her possessive au TO ALL I -pool pleivelle of Suidid TEREST PUB 'SAMAJOBAL 'SUISBO be addressed with catch AAOBY drainage problems will all allaw Notice Buois sadosoudde vaw that the I whip pur sdure Buisson roadway reconstruction, ("uoisin, sidewalk with ADA street crossing ranner and draw and street with approximately ripessoud

2 blocks of full width mojur us
roadway biocecon a sobulari inolore biocecon and policiti of the property of the prope Elementary School and Junion High School, This Istuimps vehicle traffic from East standui evell City on the West 1 and and out of the and balland City on the and the and the and the series of the and the west the series of the and the west the and the west the and the west the and the and the west the and the a Cas -800A mon sossonisud funding the Drion Street V funding the Union Street V funding the Union Street Works and Union US Highway, '81 county with the stens! AV County, with the stens! AV County with the stens! AV County, William County, William County, William County, William County, William County, William Street steres residents and Jillam Jillam Street steres and Jillam Jill street serves residents and of flow E 101 based fosquil Vinnen to the Permanent Com- low SM nonspilique an application AS a public hearing to discuss, its Motice is hereby given that Ballard City will hold had salard city will hold and

HEVEING 101

LOBPIC 102

NOLICE OF 102

2012 Rolean Rowley, Mayor . Published in the Unitals ! Basin Standard February 5

Treasury, (Circular 570, latest edition).

Date: February 16,

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-387

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 18, 20, 22, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Castle Peak State 43-16 well located in NE/4 SE/4, Section 16, Township 9 South, Range 16 East API 43-013-30594

West Point Federal 4A-18-9-16 well located in NW/4 NW/4, Section 18, Township 9 South, Range 16 East API 43-013-33463

Federal 13-18-9-16 well located in SW/4 SW/4, Section 18, Township 9 South, Range 16 East API 43-013-32999

Federal 7-20-9-16 well located in SW/4 NE/4, Section 20, Township 9 South, Range 16 East API 43-013-33106

Federal 11-20-9-16 well located in NE/4 SW/4, Section 20, Township 9 South, Range 16 East API 43-013-32598

Federal 15-20-9-16 well located in SW/4 SE/4, Section 20, Township 9 South, Range 16 East API 43-013-33105

Federal 15-22-9-16 well located in SW/4 SE/4, Section 22, Township 9 South, Range 16 East API 43-013-33167

Federal 9-24-9-16 well located in NE/4 SE/4, Section 24, Township 9 South, Range 16 East API 43-013-33338

Federal 13-24-9-16 well located in SW/4 SW/4, Section 24, Township 9 South, Range 16 East API 43-013-33342

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of February, 2012.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

Brad Hill

Permitting Manager

Newfield Production Company

CASTLE PEAK STATE 43-16, WEST POINT FEDERAL 4A-18-9-16, FEDERAL 13-18-9-16, FEDERAL 7-20-9-16, FEDERAL 11-20-9-16, FEDERAL 15-20-9-16, FEDERAL 9-24-9-16, FEDERAL 13-24-9-16

Cause No. UIC-387

Publication Notices were sent to the following:

Newfield Production Company 1001 17th Street, Suite 2000 Denver, CO 80202

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066 via e-mail legals@ubstandard.com

Salt Lake Tribune P O Box 45838 Salt Lake City, UT 84145 via e-mail naclegal@mediaoneutah.com

Vernal Office Bureau of Land Management 170 South 500 East Vernal, UT 84078 Duchesne County Planning P O Box 317 Duchesne, UT 84021-0317

Bruce Suchomel US EPA Region 8 MS 8P-W-GW 1595 Wynkoop Street Denver, CO 80202-1129

SITLA 675 E 500 S Ste 500 Salt Lake City, UT 84102-2818

Newfield Production Company Rt 3 Box 3630 Myton, UT 84052

Jean Sweet



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 21, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-387

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Executive Secretary

Enclosure



From:

Cindy Kleinfelter <classifieds@ubstandard.com>

To: Date: <jsweet@utah.gov> 2/23/2012 12:02 PM

Subject:

Legal Notice

It will be published Feb. 28, 2012. Thank you. Cindy



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

February 21, 2012

VIA E-MAIL <u>naclegal@mediaoneutah.com</u>

Salt Lake Tribune P. O. Box 45838 Salt Lake City, UT 84145

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-387

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for account #9001402352 to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Executive Secretary

Enclosure



From:

"Stowe, Ken" <kstowe@mediaoneutah.com>

To:

<jsweet@utah.gov> 2/23/2012 12:36 PM

Date: Subject:

Proof for Public Notice

Attachments: OrderConf.pdf

AD# 770992

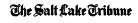
Run SL Trib & Des News 2/27/12

Cost \$250.28

Please advise of any changes or reply with OK to publish

Thank You

Ken







Order Confirmation for Ad #0000770992-01

Client

DIV OF OIL-GAS & MINING

Payor Customer

DIV OF OIL-GAS & MINING

Client Phone

801-538-5340

Payor Phone

801-538-5340

Account#

9001402352

Payor Account

9001402352

Address

1594 W NORTH TEMP #1210, P.O. BOX 145801 Payor Address SALT LAKE CITY, UT 84114 USA

1594 W NORTH TEMP #1210,P.O. BO)

SALT LAKE CITY, UT 84114

801-359-3940

Ordered By

Acct. Exec

EMail

Fax

earlenerussell@utah.gov

Jean

kstowe

Total Amount

\$250.28

Payment Amt

\$0.00

Tear Sheets

n

Proofs

PO Number

Affidavits

Amount Due

\$250.28

0

UIC 387

Payment Method

Confirmation Notes: Jean

Text:

Ad Type

Ad Size

Color

Legal Liner

2.0 X 73 Li

<NONE>

Product

Placement

Legal Liner Notice - 0998

Position Public Meeting/Hear-ing Notices

Salt Lake Tribune:: Scheduled Date(s):

2/27/2012

Product

Deseret News::

Scheduled Date(s):

Placement Legal Liner Notice - 0998

2/27/2012

Product

<u>Placement</u>

sltrib.com:: Scheduled Date(s): Legal Liner Notice - 0998

2/27/2012

Product

Scheduled Date(s):

utahlegals.com::

<u>Placement</u> utahlegals.com

2/27/2012

Position

Public Meeting/Hear-ing Notices

Public Meeting/Hear-ing Notices

Position

utahlegals.com

Ad Content Proof Actual Size

PUBLIC NOTICE

PUBLIC NOTICE

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF ACENCY ACTION CAUSE NO. UK-387

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 18, 20, 22, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INIVECTION WELLS. THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commending an informal adjudicative proceeding to consider the application of NewField Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells: Greater Manument Burte Unit. Custile Peak State 43-16 well located in NE/4 SE/4, Section 10, Township 9 South, Range 16 East API 43-013-330594
West Point Federal AA-18-9-16 well located in NW/4 NW/4, Section 18, Township 9 South, Range 16 East API 43-013-33999
Federal 73-20-9-16 well located in SW/4 NE/4, Section 20, Iownship 9 South, Range 16 East API 43-013-33165
Federal 13-22-9-16 well located in SW/4 SE/4, Section 20, Iownship 9 South, Range 16 East API 43-013-33150
Federal 13-333167
Federal 13-33338
Federal 13-33338
Federal 13-33338
Federal 13-33338
Federal 13-24-9-16 well located in SW/4 SE/4, Section 24, Iownship 9 South, Range 16 East API 43-013-33338
Federal 13-24-9-16 well located in SW/4 SE/4, Section 24, Iownship 9 South, Range 16 East API 43-013-33338
Federal 13-33338
Federal 13-24-9-16 well located in SW/4 SE/4, Section 24, Iownship 9 South, Range 16 East API 43-013-33338
Federal 13-24-9-16 well located in ME/4 SW/4, Section 24, Iownship 9 South, Range 16 East API 43-013-33338
Federal 13-24-9-16 well located in SW/4 SW/4, Section 24, Iownship 9 South, Range 16 East API 43-013-33338
Federal 13-24-9-16 well located in OCCATAGA WHA SW/4,

24, Township 9 South, Range 16 East
API 43-013-33342
The proceeding will be conducted in accordance with Utah
Admin, Rob-9-10, Adminstrative Procedures.
Selected zones in the Green River Formation will be used for
water injection. The maximum requested injection pressures
and rares will be determined based on fractore gradient information submitted by Newfield Production Company.
Any person destring to object to the application or otherwise
intervece in the proceeding, must file a written protest or nofice of intervention with the Division within fifteen days foltowing publication of this sortice. The Division's Prestding Officer for the proceeding is Brad Hill, Permitting Ananger, at
P.O. Box 1 45801, Soit Lake City, UT 84114-5801, phone
number (801) 538-5340. If such a protest or notice of intervertion is received, a hearing will be scheduled in accordance with the differentiation definishtrative procedural
rules. Protestants and/or interveners should be prepared to
demonstrate at the bearing how this matter affects their interests.

terests.

Darsed this 21st day of February, 2012.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/ Brod Hill

Permitting Manager 770992

UPAXIP



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 20, 2012

Newfield Production Company 1001 Seventeenth Street, Suite 2000 Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 13-24-9-16, Section 24, Township 9 South, Range 16 East,

SLBM, Duchesne County, Utah, API Well # 43-013-33342

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.
- 4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
- 5. The top of the injection interval shall be limited to a depth no higher than 3,732 feet in the Federal 13-24-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

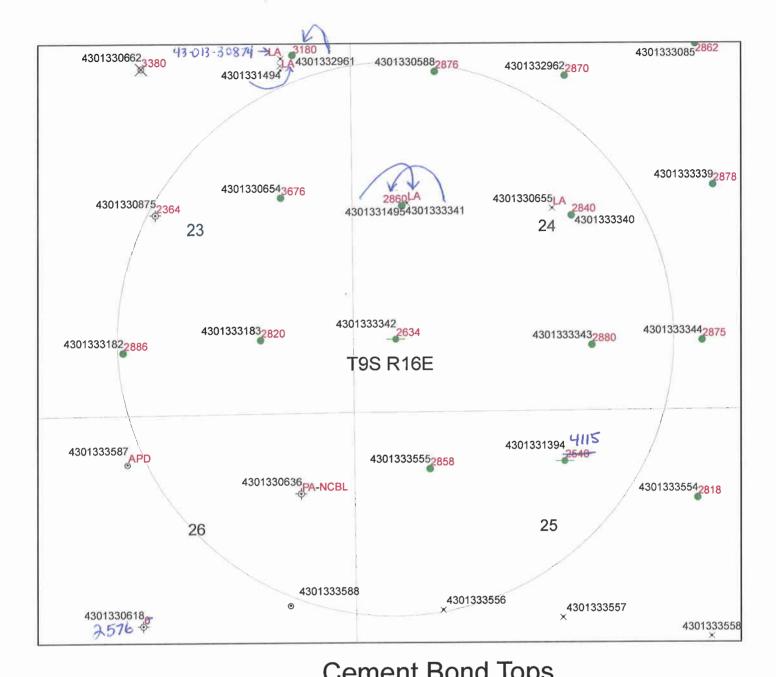
John Rogers Associate Director

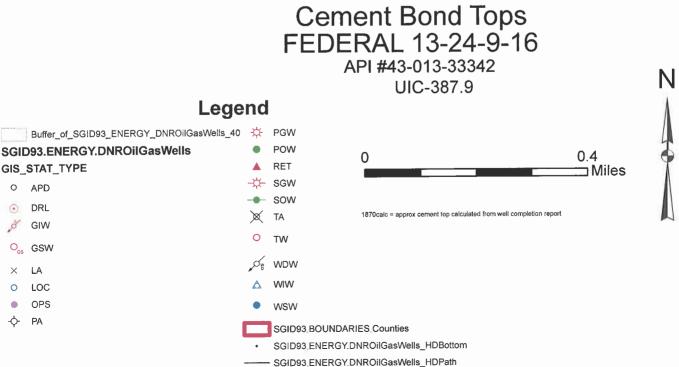
JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency Bureau of Land Management, Vernal Duchesne County Newfield Production Company, Myton Well File

N:\O&G Reviewed Docs\ChronFile\UIC







Wells-CbltopsMaster02_24_12

DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

Applicant: Newfield Production Company Well:	Federal 13-24-9-16
--	--------------------

Location: 24/9S/16E **API:** 43-013-33342

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 315 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,674 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,634 feet. A 2 7/8 inch tubing with a packer will be set at 4,730 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 8 producing wells, 2 P/A wells, and 2 shut-in wells (one of which is the proposed injection well) in the AOR. Most of the wells have evidence of adequate casing and cement for the proposed injection interval. However, the Federal 9-23-9-16 well (API# 43-013-30654), appears to have inadequate cement for the proposed injection interval. Its CBL (4/1/1983) indicates a cement top at about 3,676 feet. To protect this wellbore Newfield will not perforate the Federal 13-24-9-16 well above 3,732 feet (see Ground Water Protection).

Revision (8/10/2012): Injection approval for the Federal 13-24-9-16 well was issued on 6/5/2012 with a permitted injection interval of 3,732-5,635 feet. The Federal 21-25Y-9-16 well (API# 43-013-31394), located in the AOR approximately 0.4 mile southeast of the Federal 13-24 well, exhibits a good cement top at about 4,415 feet. There appear to be several hundred feet of "lite" cement above that depth. At the time of this revision (8/10/2012), the Federal 21-25Y well is being evaluated for conversion to an injection well. In order to confirm the integrity of "lite" cement in this well, a Radioactive Tracer Survey (RATS) will be required as a condition of conversion for the Federal 21-25Y well.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1900 feet. The requested injection interval is between 3,657 feet and 5,635 feet in the Green River Formation. However, as described in the previous paragraph, the top of good cement bond is at about 3,676 feet in the Federal 9-23-9-16

Federal 13-24-9-16 page 2

well, located in the AOR, approximately 1/3 mile north-northwest of Federal 13-24-9-16 well. This cement top correlates to a depth of approximately 3,632 feet in the Federal 13-24-9-16 well. For this reason, it is recommended that the top of the injection interval be permitted no higher than a depth of 3,732 feet in the Federal 13-24-9-16 well. Information submitted by Newfield indicates that the fracture gradient for the 13-24-9-16 well is 0.95 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,459 psig. The requested maximum pressure is 2,459 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date 2/24/2012 (revised 8/10/2012)

Sundry Number: 26047 API Well Number: 43013333420000

	FORM 9				
,	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855				
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	oposals to drill new wells, significantly dea reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 13-24-9-16		
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		9. API NUMBER: 43013333420000		
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		HONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0684 FSL 0423 FWL			COUNTY: DUCHESNE		
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 24 Township: 09.0S Range: 16.0E Meridiar	n: S	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	T, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
The subject well he injection well on Constant of Utah DOG above listed well. Opsig and charted for injecting during the	□ CHANGE TO PREVIOUS PLANS □ CHANGE WELL STATUS □ DEEPEN □ OPERATOR CHANGE □ PRODUCTION START OR RESUME □ REPERFORATE CURRENT FORMATION □ TUBING REPAIR □ WATER SHUTOFF □ WILDCAT WELL DETERMINATION □ TOS/109/2012. On 05/10/2012 CHEM Was contacted concerning to 105/15/2012 the casing was 100 minutes with no pressure 100 minutes 100 minutes with no pressure 100 minutes 100	ducing oil well to an nris Jensen with the he initial MIT on the pressured up to 1030 loss. The well was not 1300 psig during the	Accepted by the Utah Division of Oil, Gas and Mining Date: June 04, 2012		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician			
SIGNATURE N/A		DATE 5/25/2012			

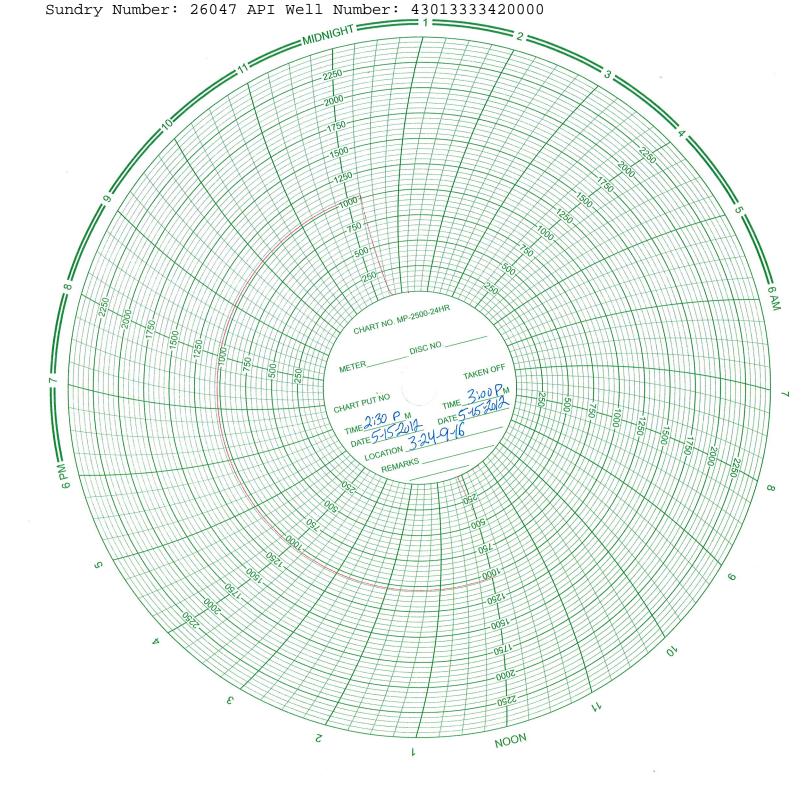
Sundry Number: 26047 API Well Number: 43013333420000

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness: Test Conducted by: Cody Marx Others Present:	Date <u>5</u> / <u>15</u> / <u>2012</u> Time <u>2:30</u> a				
Well: Tederal Well Location: \3-24-9-16	Field: Monument Butte API No: 4301333342				
<u>Time</u>	Casing Pressure				
0 min	1030	psig			
5	1020	psig			
10	1030	psig			
15	1030	psig			
20	1030	psig			
25	1030	psig			
30 min	1030	psig			
35		psig			
40	-	psig			
45		psig			
50		psig			
55		psig			
60 min		_ psig			
Tubing pressure:	1300	_ psig			
Result:	Pass	Fail			
Signature of Witness:					

Signature of Person Conducting Test:



Sundry Number: 26047 API Well Number: 43013333420000 Summary Rig Activity

Page 1 of 4

Daily Activity Report

Format For Sundry FEDERAL 13-24-9-16 3/1/2012 To 7/30/2012

5/3/2012 Day: 1

Conversion

NC #2 on 5/3/2012 - MIRUSU, L/D Rods On Float, R/D Wellhead, R/U BOPS, Tag Fill, POOH W/- Tbg, Breaking & Dopeing Collars - Move From The Pomco Federal 1-18-9-17 To Th Lone Tree Federal 13-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Try To Pressure Test Tbg To 3,000 Psi, H/Oiler Pmp 35 Bbls Wtr, Tbg Vol Is Only 29 Bbls, Suspected Hole In The Tbg, L/D 1- 2' x 3/4" Pony Sub (On Top Of Polished Rod), 1 1/2" x 26' Polished Rod, 1- 4' x 3/4" Pony Sub, 2-8' x 3/4" Pony Subs, 98-3/4" Guided Rods, 49-3/4" Plain Rods (15 Are E Grade), 40-3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars (3 Are E Grade), Rod Pmp, Flush Rods W/- 30 Bbls Wtr On TOH, Bttm 20 Rods & Wt Bars Had Scale On Them, Pull Rod Was Pencil Thin & Pmp Screen Was covered In Scale, X - Over For Tbg, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 20- Jts Tbg, Tag Fill @5572', No New Fill On PBTD, L/D 20- Jts Tbg, POOH W/- 40- Jts Tbg, Breaking & Dopeing Every Collar, SWI, CSDFN @ 8:30 PM, 8:30 To 9:00 PM C/Trvl. - Move From The Pomco Federal 1-18-9-17 To Th Lone Tree Federal 13-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Try To Pressure Test Tbg To 3,000 Psi, H/Oiler Pmp 35 Bbls Wtr, Tbg Vol Is Only 29 Bbls, Suspected Hole In The Tbg, L/D 1- 2' x 3/4" Pony Sub (On Top Of Polished Rod), 1 1/2" x 26' Polished Rod, 1- 4' x 3/4" Pony Sub, 2- 8' x 3/4" Pony Subs, 98- 3/4" Guided Rods, 49 -3/4" Plain Rods (15 Are E Grade), 40- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars (3 Are E Grade), Rod Pmp, Flush Rods W/- 30 Bbls Wtr On TOH, Bttm 20 Rods & Wt Bars Had Scale On Them, Pull Rod Was Pencil Thin & Pmp Screen Was covered In Scale, X - Over For Tbg, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 20- Jts Tbg, Tag Fill @5572', No New Fill On PBTD, L/D 20- Jts Tbg, POOH W/- 40- Jts Tbg, Breaking & Dopeing Every Collar, SWI, CSDFN @ 8:30 PM, 8:30 To 9:00 PM C/Trvl. -Move From The Pomco Federal 1-18-9-17 To Th Lone Tree Federal 13-24-9-16, MIRUSU, R/U H/Oiler To Csq, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Try To Pressure Test Tbg To 3,000 Psi, H/Oiler Pmp 35 Bbls Wtr, Tbg Vol Is Only 29 Bbls, Suspected Hole In The Tbg, L/D 1- 2' x 3/4" Pony Sub (On Top Of Polished Rod), 1 1/2" x 26' Polished Rod, 1- 4' x 3/4" Pony Sub, 2- 8' x 3/4" Pony Subs, 98-3/4" Guided Rods, 49 -3/4" Plain Rods (15 Are E Grade), 40- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars (3 Are E Grade), Rod Pmp, Flush Rods W/- 30 Bbls Wtr On TOH, Bttm 20 Rods & Wt Bars Had Scale On Them, Pull Rod Was Pencil Thin & Pmp Screen Was covered In Scale, X - Over For Tbg, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 20- Jts Tbg, Tag Fill @5572', No New Fill On PBTD, L/D 20- Jts Tbg, POOH W/- 40- Jts Tbg, Breaking & Dopeing Every Collar, SWI, CSDFN @ 8:30 PM, 8:30 To 9:00 PM C/Trvl. Finalized

Daily Cost: \$0

Cumulative Cost: \$8,731

5/4/2012 Day: 2

Conversion

NC #2 on 5/4/2012 - Finish Breaking & Dopeing, Perf Zones, P/U N-80 Tbg W/- Pkr & Plg - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 78 Jts Tbg Breaking & Dopeing Collars, R/U The Perforators Wireline, RIH & Shoot C-Sands & GB-2 Zones, Shoot C- Sands @ 4509' - 4512', GB-2 @ 3808' - 3811', R/D Wireline, P/U & TIH W/- Plg & Pkr, 145- Jts Tbg (N-80), Set Plg @ 4575', POOH W/- 3- Jts Tbg, Let Hang, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 78 Jts Tbg Breaking & Dopeing Collars, R/U The Perforators Wireline, RIH & Shoot C-Sands & GB-2 Zones, Shoot C- Sands @ 4509' - 4512', GB-2 @ 3808' - 3811', R/D Wireline, P/U & TIH W/- Plg & Pkr, 145- Jts Tbg (N-

Sundry Number: 26047 API Well Number: 43013333420000
Summary Rig Activity Page 2 of 4

80), Set Plg @ 4575', POOH W/- 3- Jts Tbg, Let Hang, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 78 Jts Tbg Breaking & Dopeing Collars, R/U The Perforators Wireline, RIH & Shoot C-Sands & GB-2 Zones, Shoot C-Sands @ 4509' - 4512', GB-2 @ 3808' - 3811', R/D Wireline, P/U & TIH W/- Plg & Pkr, 145-Jts Tbg (N-80), Set Plg @ 4575', POOH W/- 3- Jts Tbg, Let Hang, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$18,366

5/7/2012 Day: 3 Conversion

NC #2 on 5/7/2012 - Frac Well, Flow Back, L/D N-80 Tbg - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, Set Pkr, R/U Baker Hughes, Frac C-Sands Zone, Flow Bac Flow Back For Approx. 24 Min, Release Pkr, TIH W/- 3- Jts Tbg, Circ Top Of Plg Clean, Latch Onto & Release Plg, POOH W/- 23- Jts Tbg, Set Plg @ 3849', POOH W/- 2- Jts Tbg, Set Pkr @ 3776', R/U Baker Hughes, Frac GB-2 Zone, Flow Back For Approx. 30 Min, Release Pkr, TIH W/- 2 Jts Tbg, Circ. Plg Clean, Latch Onto Plg, Release & Start To POOH & L/D N-80 Tbg, Tbg Started To Come Dirty, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Proceed To L/D N-80 Tbg, Left 34 Jts Tbg In The Hole, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, Set Pkr, R/U Baker Hughes, Frac C-Sands Zone, Flow Bac Flow Back For Approx. 24 Min, Release Pkr, TIH W/- 3- Jts Tbg, Circ Top Of Plg Clean, Latch Onto & Release Plg, POOH W/-23- Jts Tbq, Set Plq @ 3849', POOH W/- 2- Jts Tbq, Set Pkr @ 3776', R/U Baker Hughes, Frac GB-2 Zone, Flow Back For Approx. 30 Min, Release Pkr, TIH W/- 2 Jts Tbg, Circ. Plg Clean, Latch Onto Plg, Release & Start To POOH & L/D N-80 Tbg, Tbg Started To Come Dirty, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Proceed To L/D N-80 Tbg, Left 34 Jts Tbg In The Hole, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, Set Pkr, R/U Baker Hughes, Frac C-Sands Zone, Flow Bac Flow Back For Approx. 24 Min, Release Pkr, TIH W/- 3- Jts Tbg, Circ Top Of Plg Clean, Latch Onto & Release Plg, POOH W/- 23- Jts Tbg, Set Plg @ 3849', POOH W/- 2- Jts Tbg, Set Pkr @ 3776', R/U Baker Hughes, Frac GB-2 Zone, Flow Back For Approx. 30 Min, Release Pkr, TIH W/- 2 Jts Tbg, Circ. Plg Clean, Latch Onto Plg, Release & Start To POOH & L/D N-80 Tbg, Tbg Started To Come Dirty, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Proceed To L/D N-80 Tbg, Left 34 Jts Tbg In The Hole, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$59,425

5/8/2012 Day: 4 Conversion

NC #2 on 5/8/2012 - TIH W/- Tbg & Pkr, Pressure Test Tbg - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, L/D 34- Jts N-80 Tbg, P/U & TIH W/- Weatherford Arrowset Pkr, SN, 118- Jts Tbg (J-55), R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For A Pad, Drop Stnd Vlve, Try To Pressure Up, No Test, R/U Sandline, RIH Try To Seat Stnd Vlve, Re-try To Pressure Up On Tbg, No Test, R/U Sandline, Fish Stnd VIve, Drop Another Stnd VIve, Try To Pressure Up Again, No Test, RIH W/- Sandline, Try To Seat Stnd VIve, POOH W/- Sandline, Try To Pressure Up Again, No Test, POOH W/- 118- Jts Tbg, SN, Pkr, Stnd VIve Was Not In The SN, Replace SN, Start To TIH W/-Tbg, Found Stnd VIve Stuck In The 4th Jt Above SN, Jt Was Crimped, L/D Jt, P/U Another Jt Tbg, TIH W/- Tbg, Drop Another Stnd VIve, Try To Pressure Up On Tbg, No Test, RIH W/-Sandline To Seat Stnd VIve, Try To Pressure Up On Stnd VIve Again, Pressure Up To 3,000 Psi, Let Hold Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, L/D 34- Jts N-80 Tbg, P/U & TIH W/- Weatherford Arrowset Pkr, SN, 118- Jts Tbg (J-55), R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For A Pad, Drop Stnd Vlve, Try To Pressure Up, No Test, R/U Sandline, RIH Try To Seat Stnd VIve, Re-try To Pressure Up On Tbg, No Test, R/U Sandline, Fish Stnd Vlve, Drop Another Stnd Vlve, Try To Pressure Up Again, No Test, RIH W/- Sandline, Try To Seat Stnd Vlve, POOH W/- Sandline, Try To Pressure Sundry Number: 26047 API Well Number: 43013333420000 Summary Rig Activity

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Up Again, No Test, POOH W/- 118- Jts Tbg, SN, Pkr, Stnd Vlve Was Not In The SN, Replace SN, Start To TIH W/- Tbg, Found Stnd VIve Stuck In The 4th Jt Above SN, Jt Was Crimped, L/D Jt, P/U Another Jt Tbg, TIH W/- Tbg, Drop Another Stnd Vlve, Try To Pressure Up On Tbg, No Test, RIH W/- Sandline To Seat Stnd Vlve, Try To Pressure Up On Stnd Vlve Again, Pressure Up To 3,000 Psi, Let Hold Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, L/D 34- Jts N-80 Tbq, P/U & TIH W/-Weatherford Arrowset Pkr, SN, 118- Jts Tbg (J-55), R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For A Pad, Drop Stnd Vlve, Try To Pressure Up, No Test, R/U Sandline, RIH Try To Seat Stnd Vlve, Re-try To Pressure Up On Tbg, No Test, R/U Sandline, Fish Stnd Vlve, Drop Another Stnd Vlve, Try To Pressure Up Again, No Test, RIH W/- Sandline, Try To Seat Stnd VIve, POOH W/-Sandline, Try To Pressure Up Again, No Test, POOH W/- 118- Jts Tbg, SN, Pkr, Stnd Vlve Was Not In The SN, Replace SN, Start To TIH W/- Tbg, Found Stnd Vlve Stuck In The 4th Jt Above SN, Jt Was Crimped, L/D Jt, P/U Another Jt Tbg, TIH W/- Tbg, Drop Another Stnd VIve, Try To Pressure Up On Tbg, No Test, RIH W/- Sandline To Seat Stnd Vlve, Try To Pressure Up On Stnd VIve Again, Pressure Up To 3,000 Psi, Let Hold Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$68,409

5/9/2012 Day: 5 Conversion

NC #2 on 5/9/2012 - Get Final Test On Tbg, Set Pkr, Pressure Test Csg - 5:30 To 6:00 AM C/TrvI, 6:00 AM OWU, Pressure Bled Off 200 Psi Over Night, R/U H/Oiler To Tbg, Pressure Back Up To 3,000 Psi, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd Vlve, R/D Sandline, R/D Wetaherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, R/U H/Oiler To Csg, Fill & Test To 1,500 Psi, Hold For 30 Min, Pressure Bled Off 150 Psi, Bump Back Up, Hold For 30 Min, Pressure Bled Off 75 Psi, Bump Back Up, Hold Pressure For 1 Hr Solid, Good Test, R/D NC #2, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off 200 Psi Over Night, R/U H/Oiler To Tbg, Pressure Back Up To 3,000 Psi, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd Vlve, R/D Sandline, R/D Wetaherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, R/U H/Oiler To Csq, Fill & Test To 1,500 Psi, Hold For 30 Min, Pressure Bled Off 150 Psi, Bump Back Up, Hold For 30 Min, Pressure Bled Off 75 Psi, Bump Back Up, Hold Pressure For 1 Hr Solid, Good Test, R/D NC #2, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off 200 Psi Over Night, R/U H/Oiler To Tbg, Pressure Back Up To 3,000 Psi, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd Vlve, R/D Sandline, R/D Wetaherford BOPS, R/U Injection Tree, R/U H/Oiler To Csq Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, R/U H/Oiler To Csg, Fill & Test To 1,500 Psi, Hold For 30 Min, Pressure Bled Off 150 Psi, Bump Back Up, Hold For 30 Min, Pressure Bled Off 75 Psi, Bump Back Up, Hold Pressure For 1 Hr Solid, Good Test, R/D NC #2, Well Ready For MIT.

Daily Cost: \$0

Cumulative Cost: \$161,154

5/23/2012 Day: 6

Conversion

Rigless on 5/23/2012 - Conduct initial MIT - On 05/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1030 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1300 psig during the test. There was not a State representative available to witness the test. - On 05/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1030 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure

Sundry Number: 26047 API Well Number: 43013333420000 Summary Rig Activity

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was 1300 psig during the test. There was not a State representative available to witness the test. - On 05/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1030 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1300 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$192,974

Pertinent Files: Go to File List

Sundry Number: 37624 API Well Number: 43013333420000

	FORM 9							
ı	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855							
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:							
	pposals to drill new wells, significantly reenter plugged wells, or to drill horizon for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)					
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 13-24-9-16					
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		9. API NUMBER: 43013333420000					
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	, 84052 435 646-4825	PHONE NUMBER: 5 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE					
4. LOCATION OF WELL FOOTAGES AT SURFACE:			COUNTY: DUCHESNE					
0684 FSL 0423 FWL QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWSW Section:	HIP, RANGE, MERIDIAN: 24 Township: 09.0S Range: 16.0E Merio	dian: S	STATE: UTAH					
11. CHEC	K APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA					
TYPE OF SUBMISSION		TYPE OF ACTION						
	ACIDIZE	ALTER CASING	CASING REPAIR					
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME					
/	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE					
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION					
5/15/2012	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK					
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION					
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON					
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL					
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION					
·	WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: New Perforations					
		OTHER	, 					
l .	COMPLETED OPERATIONS. Clearly show a dject well had new perforation		depths, volumes, etc. Accepted by the					
I .	ed are the schematic and Da	_	Utah Division of					
I .	ions were added in the Gree		Oil, Gas and Mining					
	JSPF 9 holes GB2 3808-381		Date: May 20, 2013					
			Date: De collino					
			By:					
			2 3					
NAME (DI EACE DOINT)	BUONE NEWS	ED TITLE						
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMB 435 646-4874	ER TITLE Water Services Technician						
SIGNATURE		DATE	DATE					
N/A		5/6/2013						

Sundry Number: 37624 API Well Number: 43013333420000

Cement Top@ 92'

Casing Shoe @ 315'

FEDERAL 13-24-9-16

Injection Wellbore

Diagram

Put on Production; 2/5/08 GL: 5656' KB: 5668'

SURFACE CASING

Spud Date: 11/6/07

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24# LENGTH: 7 jts. (302.73') DEPTH LANDED: 314.58 HOLE SIZE: 12-1/4" CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15,5# LENGTH: 132 jts. (5661.02') HOLE SIZE: 7-7/8"

DEPTH LANDED: 5674,27° CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 92'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6,5# NO. OF JOINTS: 118 jts (3727') SEATING NIPPLE: 2-7/8" (1,10') SN LANDED AT: 3739' KB PACKER @: 3743.4'

TOTAL STRING LENGTH: EOT @ 3746.45



8/12/09

Packer @ 3743' EOT @ 3746' 3808-3811*

> 4509-4512' 4780-4798'

4912-4922'

PBTD @ 5635'

TD @ 5700'

1/30/08 4912-4922 Frac LODC sands as follows Frac with 19518# 20/40 sand in 315bbls Lightning 17 fluid. Treat at 3001psi @ 23.2 BPM. ISIP 3269 psi. 1/30/08 4780-4798

Frac A1 sands as follows: Frac with 102122# 20/40 sand in 772bbls Lightning 17 fluid. Treat at 2124 psi @

23.3 BPM, ISIP 3269psi.

Pump Change. Updated rod & tubing details.

2/6/10 Tubing leak. Updated rod and tubing

05/07/12 4509-45123 Frac C sands as follows: Frac with

11769# 20/40 sand in 154 bbls Lightning 17 fluid.

05/07/12 3808-3811 Frac GB2 sands as follows:

Frac with 19313# 20/40 sand in 262 bbls Lightning 17 fluid

05/09/12 Convert to Injection Well

05/15/12 Conversion MIT Finalized - update tbg

PERFORATION RECORD

4780-4798' 4 JSPF 72 holes 4912-4922' 4 JSPF 40 holes 05/04/12 4509-4512' 3 JSPF 05/04/12 3808-3811' 3 JSPF 9 holes



Federal 13-24-9-16 684' FSL & 423' FWL SWSW Section 24-T9S-R16E Duchesne Co, Utah API #43-013-33342; Lease #UTU-15855 Sundry Number: 37624 API Well Number: 43013333420000
Summary Rig Activity
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Daily Activity Report

Format For Sundry FEDERAL 13-24-9-16 3/1/2012 To 7/30/2012

5/3/2012 Day: 1 Conversion

NC #2 on 5/3/2012 - MIRUSU, L/D Rods On Float, R/D Wellhead, R/U BOPS, Tag Fill, POOH W/- Tbg, Breaking & Dopeing Collars - Move From The Pomco Federal 1-18-9-17 To Th Lone Tree Federal 13-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Try To Pressure Test Tbg To 3,000 Psi, H/Oiler Pmp 35 Bbls Wtr, Tbg Vol Is Only 29 Bbls, Suspected Hole In The Tbg, L/D 1- 2' x 3/4" Pony Sub (On Top Of Polished Rod), 1 1/2" x 26' Polished Rod, 1- 4' x 3/4" Pony Sub, 2-8' x 3/4" Pony Subs, 98-3/4" Guided Rods, 49-3/4" Plain Rods (15 Are E Grade), 40-3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars (3 Are E Grade), Rod Pmp, Flush Rods W/- 30 Bbls Wtr On TOH, Bttm 20 Rods & Wt Bars Had Scale On Them, Pull Rod Was Pencil Thin & Pmp Screen Was covered In Scale, X - Over For Tbg, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 20- Jts Tbg, Tag Fill @5572', No New Fill On PBTD, L/D 20- Jts Tbg, POOH W/- 40- Jts Tbg, Breaking & Dopeing Every Collar, SWI, CSDFN @ 8:30 PM, 8:30 To 9:00 PM C/Trvl. - Move From The Pomco Federal 1-18-9-17 To Th Lone Tree Federal 13-24-9-16, MIRUSU, R/U H/Oiler To Csq, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Try To Pressure Test Tbg To 3,000 Psi, H/Oiler Pmp 35 Bbls Wtr, Tbg Vol Is Only 29 Bbls, Suspected Hole In The Tbg, L/D 1- 2' x 3/4" Pony Sub (On Top Of Polished Rod), 1 1/2" x 26' Polished Rod, 1- 4' x 3/4" Pony Sub, 2- 8' x 3/4" Pony Subs, 98- 3/4" Guided Rods, 49 -3/4" Plain Rods (15 Are E Grade), 40- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars (3 Are E Grade), Rod Pmp, Flush Rods W/- 30 Bbls Wtr On TOH, Bttm 20 Rods & Wt Bars Had Scale On Them, Pull Rod Was Pencil Thin & Pmp Screen Was covered In Scale, X - Over For Tbg, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 20- Jts Tbg, Tag Fill @5572', No New Fill On PBTD, L/D 20- Jts Tbg, POOH W/- 40- Jts Tbg, Breaking & Dopeing Every Collar, SWI, CSDFN @ 8:30 PM, 8:30 To 9:00 PM C/Trvl. -Move From The Pomco Federal 1-18-9-17 To Th Lone Tree Federal 13-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Try To Pressure Test Tbg To 3,000 Psi, H/Oiler Pmp 35 Bbls Wtr, Tbg Vol Is Only 29 Bbls, Suspected Hole In The Tbg, L/D 1- 2' x 3/4" Pony Sub (On Top Of Polished Rod), 1 1/2" x 26' Polished Rod, 1- 4' x 3/4" Pony Sub, 2- 8' x 3/4" Pony Subs, 98-3/4" Guided Rods, 49 -3/4" Plain Rods (15 Are E Grade), 40- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars (3 Are E Grade), Rod Pmp, Flush Rods W/- 30 Bbls Wtr On TOH, Bttm 20 Rods & Wt Bars Had Scale On Them, Pull Rod Was Pencil Thin & Pmp Screen Was covered In Scale, X - Over For Tbg, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 20- Jts Tbg, Tag Fill @5572', No New Fill On PBTD, L/D 20- Jts Tbg, POOH W/- 40- Jts Tbg, Breaking & Dopeing Every Collar, SWI, CSDFN @ 8:30 PM, 8:30 To 9:00 PM C/Trvl. Finalized

Daily Cost: \$0

Cumulative Cost: \$8,731

5/4/2012 Day: 2 Conversion

NC #2 on 5/4/2012 - Finish Breaking & Dopeing, Perf Zones, P/U N-80 Tbg W/- Pkr & Plg - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 78 Jts Tbg Breaking & Dopeing Collars, R/U The Perforators Wireline, RIH & Shoot C-Sands & GB-2 Zones, Shoot C- Sands @ 4509' - 4512', GB-2 @ 3808' - 3811', R/D Wireline, P/U & TIH W/- Plg & Pkr, 145- Jts Tbg (N-80), Set Plg @ 4575', POOH W/- 3- Jts Tbg, Let Hang, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 78 Jts Tbg Breaking & Dopeing Collars, R/U The Perforators Wireline, RIH & Shoot C-Sands & GB-2 Zones, Shoot C- Sands @ 4509' - 4512', GB-2 @ 3808' - 3811', R/D Wireline, P/U & TIH W/- Plg & Pkr, 145- Jts Tbg (N-

Sundry Number: 37624 API Well Number: 43013333420000 Summary Rig Activity

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80), Set Plg @ 4575', POOH W/- 3- Jts Tbg, Let Hang, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 78 Jts Tbg Breaking & Dopeing Collars, R/U The Perforators Wireline, RIH & Shoot C-Sands & GB-2 Zones, Shoot C-Sands @ 4509' - 4512', GB-2 @ 3808' - 3811', R/D Wireline, P/U & TIH W/- Plg & Pkr, 145-Jts Tbg (N-80), Set Plg @ 4575', POOH W/- 3- Jts Tbg, Let Hang, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$18,366

5/7/2012 Day: 3 Conversion

NC #2 on 5/7/2012 - Frac Well, Flow Back, L/D N-80 Tbg - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, Set Pkr, R/U Baker Hughes, Frac C-Sands Zone, Flow Bac Flow Back For Approx. 24 Min, Release Pkr, TIH W/- 3- Jts Tbg, Circ Top Of Plg Clean, Latch Onto & Release Plg, POOH W/- 23- Jts Tbg, Set Plg @ 3849', POOH W/- 2- Jts Tbg, Set Pkr @ 3776', R/U Baker Hughes, Frac GB-2 Zone, Flow Back For Approx. 30 Min, Release Pkr, TIH W/- 2 Jts Tbg, Circ. Plg Clean, Latch Onto Plg, Release & Start To POOH & L/D N-80 Tbg, Tbg Started To Come Dirty, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Proceed To L/D N-80 Tbg, Left 34 Jts Tbg In The Hole, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, Set Pkr, R/U Baker Hughes, Frac C-Sands Zone, Flow Bac Flow Back For Approx. 24 Min, Release Pkr, TIH W/- 3- Jts Tbg, Circ Top Of Plg Clean, Latch Onto & Release Plg, POOH W/-23- Jts Tbg, Set Plg @ 3849', POOH W/- 2- Jts Tbg, Set Pkr @ 3776', R/U Baker Hughes, Frac GB-2 Zone, Flow Back For Approx. 30 Min, Release Pkr, TIH W/- 2 Jts Tbg, Circ. Plg Clean, Latch Onto Plg, Release & Start To POOH & L/D N-80 Tbg, Tbg Started To Come Dirty, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Proceed To L/D N-80 Tbg, Left 34 Jts Tbg In The Hole, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, Set Pkr, R/U Baker Hughes, Frac C-Sands Zone, Flow Bac Flow Back For Approx. 24 Min, Release Pkr, TIH W/- 3- Jts Tbg, Circ Top Of Plg Clean, Latch Onto & Release Plg, POOH W/- 23- Jts Tbg, Set Plg @ 3849', POOH W/- 2- Jts Tbg, Set Pkr @ 3776', R/U Baker Hughes, Frac GB-2 Zone, Flow Back For Approx. 30 Min, Release Pkr, TIH W/- 2 Jts Tbg, Circ. Plg Clean, Latch Onto Plg, Release & Start To POOH & L/D N-80 Tbg, Tbg Started To Come Dirty, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Proceed To L/D N-80 Tbg, Left 34 Jts Tbg In The Hole, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$59,425

5/8/2012 Day: 4 Conversion

NC #2 on 5/8/2012 - TIH W/- Tbg & Pkr, Pressure Test Tbg - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, L/D 34- Jts N-80 Tbg, P/U & TIH W/- Weatherford Arrowset Pkr, SN, 118- Jts Tbg (J-55), R/U H/Oiler To Tbq, Pmp 10 Bbls Wtr For A Pad, Drop Stnd Vlve, Try To Pressure Up, No Test, R/U Sandline, RIH Try To Seat Stnd VIve, Re-try To Pressure Up On Tbg, No Test, R/U Sandline, Fish Stnd VIve, Drop Another Stnd VIve, Try To Pressure Up Again, No Test, RIH W/- Sandline, Try To Seat Stnd VIve, POOH W/- Sandline, Try To Pressure Up Again, No Test, POOH W/- 118- Jts Tbg, SN, Pkr, Stnd VIve Was Not In The SN, Replace SN, Start To TIH W/-Tbg, Found Stnd VIve Stuck In The 4th Jt Above SN, Jt Was Crimped, L/D Jt, P/U Another Jt Tbg, TIH W/- Tbg, Drop Another Stnd VIve, Try To Pressure Up On Tbg, No Test, RIH W/-Sandline To Seat Stnd VIve, Try To Pressure Up On Stnd VIve Again, Pressure Up To 3,000 Psi, Let Hold Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/TrvI, 6:00 AM OWU, L/D 34- Jts N-80 Tbg, P/U & TIH W/- Weatherford Arrowset Pkr, SN, 118- Jts Tbg (J-55), R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For A Pad, Drop Stnd Vlve, Try To Pressure Up, No Test, R/U Sandline, RIH Try To Seat Stnd Vlve, Re-try To Pressure Up On Tbg, No Test, R/U Sandline, Fish Stnd VIve, Drop Another Stnd VIve, Try To Pressure Up Again, No Test, RIH W/- Sandline, Try To Seat Stnd VIve, POOH W/- Sandline, Try To Pressure Sundry Number: 37624 API Well Number: 43013333420000
Summary Rig Activity
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Up Again, No Test, POOH W/- 118- Jts Tbg, SN, Pkr, Stnd Vlve Was Not In The SN, Replace SN, Start To TIH W/- Tbg, Found Stnd Vive Stuck In The 4th Jt Above SN, Jt Was Crimped, L/D Jt, P/U Another Jt Tbg, TIH W/- Tbg, Drop Another Stnd Vlve, Try To Pressure Up On Tbg, No Test, RIH W/- Sandline To Seat Stnd VIve, Try To Pressure Up On Stnd VIve Again, Pressure Up To 3,000 Psi, Let Hold Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 Tp 6:00 AM C/Trvl, 6:00 AM OWU, L/D 34- Jts N-80 Tbg, P/U & TIH W/-Weatherford Arrowset Pkr, SN, 118- Jts Tbg (J-55), R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For A Pad, Drop Stnd Vive, Try To Pressure Up, No Test, R/U Sandline, RIH Try To Seat Stnd Vive, Re-try To Pressure Up On Tbq, No Test, R/U Sandline, Fish Stnd Vlve, Drop Another Stnd Vlve, Try To Pressure Up Again, No Test, RIH W/- Sandline, Try To Seat Stnd Vlve, POOH W/-Sandline, Try To Pressure Up Again, No Test, POOH W/- 118- Jts Tbg, SN, Pkr, Stnd VIve Was Not In The SN, Replace SN, Start To TIH W/- Tbg, Found Stnd VIve Stuck In The 4th Jt Above SN, Jt Was Crimped, L/D Jt, P/U Another Jt Tbg, TIH W/- Tbg, Drop Another Stnd Vlve, Try To Pressure Up On Tbg, No Test, RIH W/- Sandline To Seat Stnd Vlve, Try To Pressure Up On Stnd Vlve Again, Pressure Up To 3,000 Psi, Let Hold Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$68,409

5/9/2012 Day: 5 Conversion

NC #2 on 5/9/2012 - Get Final Test On Tbg, Set Pkr, Pressure Test Csg - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off 200 Psi Over Night, R/U H/Oiler To Tbg, Pressure Back Up To 3,000 Psi, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd Vlve, R/D Sandline, R/D Wetaherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, R/U H/Oiler To Csg, Fill & Test To 1,500 Psi, Hold For 30 Min, Pressure Bled Off 150 Psi, Bump Back Up, Hold For 30 Min, Pressure Bled Off 75 Psi, Bump Back Up, Hold Pressure For 1 Hr Solid, Good Test, R/D NC #2, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off 200 Psi Over Night, R/U H/Oiler To Tbg, Pressure Back Up To 3,000 Psi, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd Vlve, R/D Sandline, R/D Wetaherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, R/U H/Oiler To Csg, Fill & Test To 1,500 Psi, Hold For 30 Min, Pressure Bled Off 150 Psi, Bump Back Up, Hold For 30 Min, Pressure Bled Off 75 Psi, Bump Back Up, Hold Pressure For 1 Hr Solid, Good Test, R/D NC #2, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off 200 Psi Over Night, R/U H/Oiler To Tbg, Pressure Back Up To 3,000 Psi, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd VIve, R/D Sandline, R/D Wetaherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, R/U H/Oiler To Csg, Fill & Test To 1,500 Psi, Hold For 30 Min, Pressure Bled Off 150 Psi, Bump Back Up, Hold For 30 Min, Pressure Bled Off 75 Psi, Bump Back Up, Hold Pressure For 1 Hr Solid, Good Test, R/D NC #2, Well Ready For MIT.

Daily Cost: \$0

Cumulative Cost: \$161,154

5/23/2012 Day: 6

Conversion

Rigless on 5/23/2012 - Conduct initial MIT - On 05/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1030 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1300 psig during the test. There was not a State representative available to witness the test. - On 05/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1030 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure

Sundry Number: 37624 API Well Number: 43013333420000
Summary Rig Activity
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was 1300 psig during the test. There was not a State representative available to witness the test. - On 05/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1030 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1300 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$192,974

Pertinent Files: Go to File List

Sundry Number: 37736 API Well Number: 43013333420000

	FORM 9					
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING					DESIGNATION AND SERIAL NUMBER: 5855	
SUNDR	6. IF INDI	AN, ALLOTTEE OR TRIBE NAME:				
	pposals to drill new wells, significantly reenter plugged wells, or to drill horizon for such proposals.			7.UNIT or GMBU (0	CA AGREEMENT NAME:	
1. TYPE OF WELL Water Injection Well					NAME and NUMBER: AL 13-24-9-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY			9. API NU 430133	MBER: 333420000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	, 84052 435 646-482		NE NUMBER: t	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0684 FSL 0423 FWL				COUNTY: DUCHESNE		
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 24 Township: 09.0S Range: 16.0E Meri	idian:	S	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE N	ATURE OF NOTICE, REPOR	T, OR O	THER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION			
l .	□ CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS □ DEEPEN □ OPERATOR CHANGE □ PRODUCTION START OR RESUME □ REPERFORATE CURRENT FORMATION □ TUBING REPAIR □ WATER SHUTOFF □ WILDCAT WELL DETERMINATION COMPLETED OPERATIONS. Clearly show erence well was put on inject 05/08/2013.	C all per		c	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION R: LUMBES, etc. Accepted by the Utah Division of Dil, Gas and Mining May 23, 2013	
NAME (PLEASE PRINT) PHONE NUMBER TITLE						
Lucy Chavez-Naupoto SIGNATURE	435 646-4874		Water Services Technician DATE			
N/A			5/8/2013			

FEDERAL 13-24-9-16

Spud Date: 11/6/07 Put on Production: 2/5/08 GL: 5656' KB: 5668'

Injection Wellbore

Cement Top@ 92

SURFACE CASING

CSG SIZE: 8-5/8" GRADE J-55 WEIGHT: 24#

LENGTH 7 jts. (302.73') DEPTH LANDED: 314.58' HOLE SIZE: 12-1/4"

CEMENT DATA 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2' GRADE: J-55 WEIGHT: 15.5#

LENGTH: 132 its. (5661.02')

HOLE SIZE: 7-7/8" DEPTH LANDED: 5674,27'

CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 92'

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5# NO OF JOINTS 118 jts (3727') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 3739' KB PACKER @: 3743.4' TOTAL STRING LENGTH: EOT @ 3746 45'

Diagram Casing Shoe @ 315 Packer @ 3743° EOT @ 3746° 3808-3811 4509-4512' 4780-4798 4912-4922 PBTD @ 5635

TD @ 5700

FRAC JOB

1/30/08 4912-4922' Frac LODC sands as follows Frac with 19518# 20/40 sand in 315bbls Lightning 17 fluid Treat at 3001psi @ 23 2 BPM. ISIP 3269 psi. Frac A1 sands as follows: Frac with 102122# 20/40 sand in 772bbls 1/30/08 4780-47981 Lightning 17 fluid Treat at 2124 psi @ 23 3 BPM ISIP 3269psi

8/12/09 Pump Change Updated rod & tubing

Tubing leak. Updated rod and tubing 2/6/10

detail

05/07/12 4509-4512 Frac C sands as follows: Frac with 11769# 20/40 sand in 154 bbls Lightning

17 fluid

05/07/12 3808-3811' Frac GB2 sands as follows:

Frac with 19313# 20/40 sand in 262 bbls Lightning 17 fluid

05/09/12 Convert to Injection Well

05/15/12 Conversion MIT Finalized - update tbg

PERFORATION RECORD

4780-4798' 4 ISPF 72 holes 4912-4922' 4 JSPF 40 holes 05/04/12 4509-4512' 3 JSPF 9 holes 05/04/12 3808-3811' 3 JSPF 9 holes



Federal 13-24-9-16 684' FSL & 423' FWL SWSW Section 24-T9S-R16E Duchesne Co. Utah API #43-013-33342; Lease #UTU-15855



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-387

Operator:

Newfield Production Company

Well:

Federal 13-24-9-16

Location:

Section 24, Township 9 South, Range 16 East

County:

Duchesne

API No.:

43-013-33342

Well Type:

Enhanced Recovery (waterflood)

Stipulations of Permit Approval

- 1. Approval for conversion to Injection Well issued on March 20, 2012.
- 2. Maximum Allowable Injection Pressure: 2,000 psig
- 3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
- 4. Injection Interval: Green River Formation (3,732' 5,635')
- 5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

John Rogers

Associate Director

Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency

Bureau of Land Management, Vernal

Eric Sundberg, Newfield Production Company, Denver

Newfield Production Company, Myton

Duchesne County

Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield

